Fermi National Accelerator Laboratory

TM-1517

Thermophysical Properties of Argon

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THERMODYNAMIC PROPERTIES OF ARGON

0.9 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
86.000	0.7139	72.1792	72.2434	1.3422	0.9054	1.3115	598.36	1.3037	2695.4	0.71	2.7114	1400.821	86.000
* 86.100	0.7144	72.4149	72.4792	1.3447	0.8977	1.3062	599.95	1.3005	2681.8	0.71	2.6927	1399.748	86.100
* 86.100	193.6034	218.1646	235.5349	3.2378	0.3384	0.5788	169.53	0.0577	71.6	19.24	0.7182	5.181	86.100
87.000	195.1095	218.4494	236.0093	3.2425	0.3372	0.5762	170.45	0.0581	72.2	19.67	0.7161	5.125	87.000
88.000	197.5733	218.8019	236.5835	3.2490	0.3359	0.5735	171.56	0.0587	73.0	20.22	0.7132	5.061	88.000
89.000	199.9484	219.1614	237.1561	3.2555	0.3347	0.5710	172.66	0.0593	73.8	20.76	0.7106	5.001	89.000
90.000	202.3349	219.5125	237.7253	3.2617	0.3334	0.5686	173.76	0.0598	74.5	21.29	0.7082	4.942	90.000
91.000	204.8490	219.8559	238.2923	3.2680	0.3324	0.5662	174.83	0.0604	75.3	21.85	0.7059	4.882	91.000
92.000	207.2236	220.2074	238.8575	3.2740	0.3314	0.5640	175.90	0.0610	76.1	22.41	0.7036	4.826	92.000
93.000	209.6528	220.5520	239.4207	3.2803	0.3304	0.5622	176.96	0.0615	76.9	22.93	0.7030	4.770	93.000
94.000	212.1462	220.8889	239.9815	3.2866	0.3297	0.5602	178.01	0.0621	77.7	23.52	0.7010	4.714	94.000
95.000	214.5034	221.2352	240.5405	3.2928	0.3287	0.5585	179.05	0.0627	78.4	24.08	0.6983	4.662	95.000
96.000	216.9198	221.5756	241.0984	3.2978	0.3279	0.5567	180.09	0.0633	79.2	24.66	0.6966	4.610	96.000
97.000	219.3913	221.9064	241.6536	3.3036	0.3272	0.5552	181.11	0.0639	80.0	25.25	0.6951	4.558	97.000
98.000	221.7232	222.2536	242.2081	3.3093	0.3264	0.5537	182.13	0.0644	80.8	25.79	0.6947	4.510	98.000
99.000	224.1051	222.5916	242.7611	3.3148	0.3259	0.5525	183.14	0.0650	81.6	26.37	0.6936	4.462	99.000
100.000	226.5388	222.9240	243.3125	3.3203	0.3252	0.5510	184.14	0.0656	82.3	26.97	0.6912	4.414	100.000
101.000	228.8167	223.2693	243.8628	3.3258	0.3247	0.5497	185.13	0.0662	83.1	27.56	0.6900	4.370	101.000
102.000	231.1407	223.6090	244.4117	3.3311	0.3239	0.5485	186.12	0.0668	83.9	28.15	0.6889	4.326	102.000
103.000	233.5125	223.9436	244.9597	3.3366	0.3234	0.5475	187.10	0.0674	84.7	28.75	0.6880	4.282	103.000
104.000	235.9335	224.2724	245.5064	3.3418	0.3229	0.5465	188.07	0.0680	85.5	29.36	0.6871	4.238	104.000
105.000	238.4052	224.5959	246.0524	3.3471	0.3224	0.5455	189.04	0.0686	86.3	29.98	0.6862	4.195	105.000
106.000	240.8975	224.9345	246.5973	3.3521	0.3222	0.5445	190.00	0.0691	87.0	30.55	0.6855	4.155	106.000
107.000	243.8344	225.2679	247.1418	3.3571	0.3217	0.5435	190.95	0.0697	87.8	31.17	0.6846	4.115	107.000
108.000	245.4171	225.5967	247.6842	3.3621	0.3212	0.5427	191.90	0.0703	88.6	31.79	0.6840	4.075	108.000
109.000	247.8478	225.9197	248.2259	3.3671	0.3209	0.5420	192.84	0.0709	89.4	32.42	0.6834	4.035	109.000
110.000	250.3753	226.2666	248.7674	3.3721	0.3204	0.5410	193.78	0.0715	90.2	33.05	0.6824	3.999	110.000
111.000	252.3442	226.5969	249.3078	3.3769	0.3202	0.5402	194.71	0.0721	91.0	33.68	0.6818	3.963	111.000
112.000	254.8546	226.9289	249.8478	3.3819	0.3197	0.5397	195.63	0.0727	91.8	34.30	0.6815	3.927	112.000
113.000	257.0076	227.2563	250.3878	3.3867	0.3194	0.5390	196.55	0.0733	92.5	34.95	0.6801	3.891	113.000
114.000	259.4046	227.5798	250.9254	3.3914	0.3192	0.5382	197.47	0.0739	93.3	35.62	0.6795	3.855	114.000
115.000	261.8467	227.8972	251.4634	3.3959	0.3189	0.5377	198.38	0.0745	94.1	36.28	0.6792	3.819	115.000
116.000	264.8564	228.2355	252.0006	3.4007	0.3187	0.5372	199.28	0.0751	94.9	36.91	0.6788	3.787	116.000
117.000	266.3036	228.5706	252.5373	3.4052	0.3184	0.5364	200.18	0.0757	95.7	37.58	0.6782	3.755	117.000
118.000	268.8788	228.8745	253.0735	3.4097	0.3182	0.5359	201.07	0.0763	96.5	38.28	0.6778	3.719	118.000
119.000	271.2685	229.2002	253.6089	3.4142	0.3179	0.5354	201.96	0.0769	97.3	38.95	0.6775	3.687	119.000
120.000	273.2810	229.5488	254.1441	3.4187	0.3177	0.5349	202.85	0.0775	98.1	39.59	0.6771	3.659	120.000
121.000	275.6888	229.8668	254.6788	3.4232	0.3174	0.5344	203.73	0.0781	98.9	40.29	0.6768	3.627	121.000
122.000	278.1393	230.1885	255.2130	3.4275	0.3172	0.5342	204.60	0.0787	99.7	40.98	0.6767	3.595	122.000
123.000	280.3196	230.5188	255.7467	3.4317	0.3169	0.5337	205.47	0.0793	100.4	41.65	0.6757	3.567	123.000
124.000	282.9536	230.8233	256.2802	3.4362	0.3169	0.5332	206.34	0.0799	101.2	42.39	0.6763	3.535	124.000
125.000	285.1687	231.1533	256.8131	3.4405	0.3167	0.5329	207.20	0.0805	102.0	43.12	0.6744	3.507	125.000
126.000	287.4000	231.4798	257.3458	3.4445	0.3164	0.5324	208.06	0.0812	102.8	43.83	0.6741	3.479	126.000
127.000	289.7285	231.8024	257.8780	3.4487	0.3164	0.5322	208.92	0.0818	103.6	44.53	0.6740	3.452	127.000
128.000	292.0958	232.1214	258.4099	3.4530	0.3162	0.5317	209.77	0.0824	104.4	45.27	0.6736	3.424	128.000

THERMODYNAMIC PROPERTIES OF ARGON

0.9 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
129.000	294.1644	232.4675	258.9414	3.4578	0.3159	0.5314	210.61	0.0838	165.2	45.94	0.6736	3.400	129.000
130.000	296.5941	232.7793	259.4728	3.4618	0.3159	0.5312	211.46	0.0836	166.0	46.68	0.6735	3.372	130.000
131.000	298.7177	233.1189	260.0035	3.4658	0.3157	0.5307	212.38	0.0842	166.8	47.39	0.6731	3.348	131.000
132.000	301.2348	233.4231	260.5342	3.4698	0.3157	0.5304	213.13	0.0848	167.6	48.16	0.6731	3.320	132.000
133.000	303.4247	233.7559	261.0641	3.4738	0.3154	0.5302	213.96	0.0854	168.4	48.87	0.6730	3.296	133.000
134.000	305.6478	234.0868	261.5943	3.4778	0.3154	0.5299	214.79	0.0860	169.1	49.60	0.6723	3.272	134.000
135.000	307.9034	234.4129	262.1242	3.4818	0.3152	0.5297	215.61	0.0866	169.9	50.34	0.6722	3.248	135.000
136.000	310.5775	234.7817	262.6537	3.4848	0.3152	0.5294	216.43	0.0872	170.7	51.15	0.6721	3.220	136.000
137.000	312.5181	235.0564	263.1829	3.4888	0.3149	0.5292	217.25	0.0878	171.5	51.85	0.6720	3.200	137.000
138.000	314.8748	235.3731	263.7118	3.4925	0.3149	0.5289	218.06	0.0884	172.3	52.62	0.6719	3.176	138.000
139.000	317.2692	235.6865	264.2408	3.4968	0.3149	0.5287	218.87	0.0890	173.1	53.41	0.6718	3.152	139.000
140.000	319.7004	235.9962	264.7692	3.5001	0.3147	0.5284	219.68	0.0896	173.9	54.21	0.6718	3.128	140.000
141.000	321.7551	236.3399	265.2979	3.5038	0.3147	0.5284	220.48	0.0902	174.7	54.92	0.6720	3.108	141.000
142.000	324.2557	236.6428	265.8258	3.5076	0.3144	0.5282	221.28	0.0909	175.5	55.88	0.6711	3.084	142.000
143.000	326.3695	236.9885	266.3537	3.5113	0.3144	0.5279	222.08	0.0915	176.2	56.57	0.6705	3.064	143.000
144.000	328.9427	237.2766	266.8814	3.5148	0.3144	0.5277	222.87	0.0921	177.0	57.41	0.6704	3.040	144.000
145.000	331.1183	237.6062	267.4089	3.5186	0.3142	0.5277	223.67	0.0927	177.8	58.17	0.6706	3.020	145.000
146.000	333.3228	237.9372	267.9363	3.5221	0.3142	0.5274	224.45	0.0933	178.6	58.96	0.6705	3.000	146.000
147.000	335.5569	238.2636	268.4637	3.5258	0.3142	0.5272	225.24	0.0939	179.4	59.77	0.6704	2.980	147.000
148.000	337.8211	238.5878	268.9909	3.5293	0.3142	0.5269	226.02	0.0945	180.2	60.58	0.6702	2.960	148.000
149.000	340.1161	238.9074	269.5179	3.5328	0.3139	0.5269	226.80	0.0951	180.9	61.38	0.6699	2.940	149.000
150.000	342.4424	239.2247	270.0446	3.5363	0.3139	0.5267	227.57	0.0957	181.7	62.22	0.6698	2.920	150.000
151.000	344.8009	239.5389	270.5710	3.5399	0.3139	0.5267	228.35	0.0963	182.5	63.04	0.6700	2.900	151.000
152.000	347.1928	239.8504	271.0977	3.5431	0.3139	0.5264	229.12	0.0969	183.3	63.91	0.6699	2.880	152.000
153.000	349.1289	240.2025	271.6241	3.5466	0.3137	0.5264	229.88	0.0975	184.1	64.66	0.6701	2.864	153.000
154.000	351.5897	240.5066	272.1503	3.5501	0.3137	0.5262	230.65	0.0981	184.9	65.55	0.6699	2.844	154.000
155.000	354.0671	240.8184	272.6765	3.5534	0.3137	0.5262	231.41	0.0987	185.6	66.41	0.6696	2.824	155.000
156.000	356.0617	241.1558	273.2024	3.5569	0.3137	0.5259	232.17	0.0993	186.4	67.23	0.6695	2.808	156.000
157.000	358.6324	241.4512	273.7281	3.5601	0.3137	0.5259	232.93	0.0999	187.2	68.12	0.6697	2.788	157.000
158.000	360.6995	241.7988	274.2538	3.5634	0.3134	0.5257	233.68	0.1005	188.0	68.96	0.6695	2.772	158.000
159.000	362.7985	242.1283	274.7794	3.5666	0.3134	0.5257	234.43	0.1011	188.8	69.77	0.6697	2.756	159.000
160.000	365.4386	242.4154	275.3049	3.5699	0.3134	0.5254	235.18	0.1017	189.5	70.73	0.6691	2.736	160.000
161.000	367.5851	242.7477	275.8303	3.5731	0.3134	0.5254	235.93	0.1023	190.3	71.57	0.6692	2.720	161.000
162.000	369.7569	243.0774	276.3555	3.5764	0.3134	0.5252	236.67	0.1029	191.1	72.45	0.6691	2.704	162.000
163.000	371.9546	243.4048	276.8807	3.5797	0.3134	0.5252	237.41	0.1035	191.9	73.38	0.6693	2.689	163.000
164.000	374.1785	243.7298	277.4059	3.5829	0.3132	0.5252	238.15	0.1041	192.6	74.17	0.6690	2.673	164.000
165.000	376.4292	244.0522	277.9308	3.5862	0.3132	0.5249	238.89	0.1047	193.4	75.08	0.6688	2.657	165.000
166.000	378.7072	244.3721	278.4557	3.5892	0.3132	0.5249	239.62	0.1053	194.2	75.97	0.6690	2.641	166.000
167.000	381.0128	244.6893	278.9804	3.5924	0.3132	0.5249	240.35	0.1059	194.9	76.87	0.6687	2.625	167.000
168.000	383.3467	245.0039	279.5051	3.5954	0.3132	0.5247	241.08	0.1065	195.7	77.81	0.6686	2.609	168.000
169.000	385.7094	245.3159	280.0298	3.5984	0.3132	0.5247	241.81	0.1071	196.5	78.73	0.6687	2.593	169.000
170.000	388.1015	245.6251	280.5542	3.6017	0.3132	0.5244	242.53	0.1077	197.3	79.70	0.6686	2.577	170.000
171.000	389.9158	245.9865	281.0789	3.6047	0.3132	0.5244	243.25	0.1083	198.0	80.52	0.6683	2.565	171.000
172.000	392.3596	246.2918	281.6033	3.6077	0.3129	0.5244	243.97	0.1089	198.8	81.47	0.6684	2.549	172.000
173.000	394.8351	246.5923	282.1275	3.6107	0.3129	0.5244	244.69	0.1095	199.6	82.44	0.6686	2.533	173.000

THERMODYNAMIC PROPERTIES OF ARGON

0.9 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
174.000	396.7122	246.9478	282.6619	3.6137	0.3129	0.5242	245.41	0.1186	140.3	83.25	0.6686	2.521	174.000
176.000	399.2431	247.2442	283.1761	3.6167	0.3129	0.5242	246.12	0.1186	141.1	84.24	0.6687	2.505	176.000
178.000	401.8865	247.5375	283.7000	3.6197	0.3129	0.5242	246.83	0.1112	141.9	85.24	0.6689	2.489	178.000
177.000	403.7507	247.8864	284.2240	3.6227	0.3129	0.5239	247.54	0.1118	142.6	86.16	0.6683	2.477	177.000
178.000	406.3725	248.1744	284.7479	3.6255	0.3129	0.5239	248.25	0.1124	143.4	87.18	0.6684	2.461	178.000
179.000	408.3612	248.5196	285.2721	3.6285	0.3129	0.5239	248.95	0.1130	144.1	88.07	0.6681	2.449	179.000
180.000	410.3696	248.8625	285.7960	3.6312	0.3129	0.5239	249.65	0.1136	144.9	88.98	0.6683	2.437	180.000
181.000	413.0782	249.1427	286.3197	3.6342	0.3129	0.5237	250.35	0.1142	145.7	90.08	0.6681	2.421	181.000
182.000	415.1334	249.4814	286.8434	3.6370	0.3129	0.5237	251.05	0.1148	146.4	91.00	0.6678	2.409	182.000
183.000	417.2091	249.8183	287.3671	3.6400	0.3127	0.5237	251.75	0.1154	147.2	91.94	0.6680	2.397	183.000
184.000	419.3056	250.1532	287.8907	3.6427	0.3127	0.5237	252.44	0.1159	147.9	92.88	0.6683	2.385	184.000
185.000	422.1339	250.4224	288.4144	3.6455	0.3127	0.5237	253.14	0.1165	148.7	93.91	0.6684	2.369	185.000
186.000	424.2984	250.7526	288.9379	3.6485	0.3127	0.5234	253.83	0.1171	149.4	94.92	0.6678	2.357	186.000
187.000	426.4488	251.0869	289.4613	3.6512	0.3127	0.5234	254.51	0.1177	150.2	95.89	0.6680	2.345	187.000
188.000	428.6394	251.4072	289.9847	3.6540	0.3127	0.5234	255.20	0.1183	151.0	96.88	0.6681	2.333	188.000
189.000	430.8627	251.7314	290.5081	3.6568	0.3127	0.5234	255.89	0.1189	151.7	97.87	0.6678	2.321	189.000
190.000	433.0890	252.0533	291.0313	3.6595	0.3127	0.5234	256.57	0.1194	152.5	98.79	0.6685	2.309	190.000
191.000	435.3486	252.3731	291.5545	3.6622	0.3127	0.5232	257.25	0.1200	153.2	99.85	0.6679	2.297	191.000
192.000	437.6319	252.6908	292.0777	3.6648	0.3127	0.5232	257.93	0.1206	154.0	100.88	0.6681	2.285	192.000
193.000	439.9393	253.0063	292.6009	3.6675	0.3127	0.5232	258.60	0.1212	154.7	101.92	0.6678	2.273	193.000
194.000	442.2711	253.3197	293.1241	3.6703	0.3127	0.5232	259.28	0.1218	155.4	102.96	0.6675	2.261	194.000
195.000	444.6278	253.6307	293.6472	3.6728	0.3127	0.5232	259.95	0.1223	156.2	103.94	0.6682	2.249	195.000
196.000	446.2129	254.0112	294.1704	3.6755	0.3127	0.5232	260.63	0.1229	156.9	104.82	0.6679	2.241	196.000
197.000	448.6119	254.3183	294.6931	3.6781	0.3127	0.5229	261.30	0.1235	157.7	105.95	0.6677	2.229	197.000
198.000	451.0368	254.6229	295.2162	3.6808	0.3127	0.5229	261.96	0.1241	158.4	107.04	0.6675	2.217	198.000
199.000	453.4881	254.9253	295.7392	3.6833	0.3127	0.5229	262.63	0.1247	159.2	108.14	0.6676	2.205	199.000
200.000	455.9662	255.2252	296.2621	3.6860	0.3127	0.5229	263.29	0.1252	159.9	109.17	0.6679	2.193	200.000
202.000	460.1554	255.3578	297.3117	3.6938	0.3124	0.5229	264.62	0.1264	161.4	112.68	0.6677	2.145	202.000
204.000	470.5365	256.0091	298.3574	3.6991	0.3124	0.5227	265.94	0.1275	162.9	114.78	0.6678	2.125	204.000
206.000	475.0000	256.6526	299.4027	3.7041	0.3124	0.5227	267.25	0.1287	164.3	116.96	0.6673	2.105	206.000
208.000	479.5500	257.2885	300.4481	3.7091	0.3124	0.5227	268.56	0.1298	165.8	119.09	0.6676	2.085	208.000
210.000	484.1884	257.9162	301.4932	3.7141	0.3124	0.5227	269.85	0.1309	167.3	121.26	0.6680	2.065	210.000
212.000	488.9169	258.5358	302.5383	3.7191	0.3124	0.5224	271.14	0.1321	168.7	123.63	0.6672	2.045	212.000
214.000	493.7385	259.1467	303.5831	3.7238	0.3124	0.5224	272.42	0.1332	170.2	125.88	0.6675	2.025	214.000
216.000	498.6562	259.7496	304.6280	3.7288	0.3124	0.5224	273.70	0.1343	171.6	128.19	0.6675	2.005	216.000
218.000	502.6615	260.4331	305.6726	3.7336	0.3124	0.5224	274.97	0.1355	173.1	130.37	0.6674	1.989	218.000
220.000	507.7595	261.0189	306.7172	3.7384	0.3124	0.5222	276.24	0.1366	174.5	132.83	0.6671	1.969	220.000
222.000	511.9129	261.6896	307.7618	3.7429	0.3124	0.5222	277.50	0.1377	176.0	134.99	0.6674	1.953	222.000
224.000	516.1349	262.3548	308.8062	3.7476	0.3124	0.5222	278.75	0.1388	177.4	137.19	0.6674	1.937	224.000
226.000	521.5113	262.9146	309.8506	3.7524	0.3124	0.5222	280.00	0.1399	178.8	139.72	0.6674	1.918	226.000
228.000	525.8937	263.5642	310.8947	3.7569	0.3124	0.5222	281.24	0.1411	180.3	142.16	0.6672	1.902	228.000
230.000	530.3595	264.2075	311.9390	3.7614	0.3124	0.5222	282.48	0.1422	181.7	144.43	0.6672	1.886	230.000
232.000	534.8834	264.8434	312.9828	3.7659	0.3124	0.5219	283.71	0.1433	183.1	146.86	0.6669	1.870	232.000
234.000	539.4944	265.4725	314.0270	3.7704	0.3124	0.5219	284.94	0.1444	184.5	149.26	0.6669	1.854	234.000
236.000	544.1857	266.0944	315.0711	3.7747	0.3124	0.5219	286.16	0.1455	185.9	151.76	0.6668	1.838	236.000

THERMODYNAMIC PROPERTIES OF ARGON

0.9 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
238.000	548.9593	266.7006	316.1149	3.7792	0.3124	0.5219	287.38	0.1466	187.3	154.19	0.6668	1.822	238.000
240.000	552.5948	267.4258	317.1585	3.7834	0.3124	0.5219	288.59	0.1477	188.7	156.38	0.6668	1.810	240.000
242.000	557.5176	268.6258	318.2024	3.7877	0.3122	0.5219	289.79	0.1487	190.1	158.84	0.6672	1.794	242.000
244.000	562.5291	268.6184	319.2466	3.7919	0.3122	0.5219	290.99	0.1498	191.5	161.45	0.6672	1.778	244.000
246.000	566.3472	269.3184	320.2896	3.7962	0.3122	0.5219	292.19	0.1509	192.9	163.74	0.6672	1.766	246.000
248.000	571.5192	269.8965	321.3332	3.8004	0.3122	0.5217	293.38	0.1520	194.3	166.52	0.6669	1.750	248.000
250.000	575.4668	270.5853	322.3768	3.8047	0.3122	0.5217	294.56	0.1531	195.7	168.88	0.6668	1.738	250.000
252.000	580.8015	271.1481	323.4202	3.8087	0.3122	0.5217	295.74	0.1542	197.1	171.68	0.6668	1.722	252.000
254.000	584.8725	271.8258	324.4635	3.8130	0.3122	0.5217	296.92	0.1552	198.4	174.00	0.6669	1.710	254.000
256.000	589.0010	272.4968	325.5069	3.8170	0.3122	0.5217	298.09	0.1563	199.8	176.47	0.6669	1.698	256.000
258.000	594.5972	273.0365	326.5503	3.8210	0.3122	0.5217	299.25	0.1574	201.2	179.40	0.6668	1.682	258.000
260.000	598.8647	273.6965	327.5934	3.8250	0.3122	0.5217	300.42	0.1584	202.5	181.84	0.6669	1.670	260.000
262.000	603.1938	274.3493	328.6367	3.8290	0.3122	0.5217	301.57	0.1595	203.9	184.42	0.6669	1.658	262.000
264.000	607.5866	274.9971	329.6798	3.8330	0.3122	0.5217	302.73	0.1606	205.3	186.93	0.6673	1.646	264.000
266.000	612.0426	275.6391	330.7229	3.8367	0.3122	0.5217	303.87	0.1616	206.6	189.59	0.6669	1.634	266.000
268.000	616.5651	276.2752	331.7660	3.8407	0.3122	0.5214	305.02	0.1627	208.0	192.39	0.6666	1.622	268.000
270.000	621.1549	276.9049	332.8089	3.8445	0.3122	0.5214	306.16	0.1637	209.3	195.01	0.6667	1.610	270.000
272.000	625.8136	277.5288	333.8520	3.8485	0.3122	0.5214	307.29	0.1647	210.6	197.67	0.6667	1.598	272.000
274.000	630.5426	278.1468	334.8948	3.8523	0.3122	0.5214	308.42	0.1658	212.0	200.50	0.6667	1.586	274.000
276.000	635.3438	278.7578	335.9380	3.8560	0.3122	0.5214	309.55	0.1668	213.3	203.24	0.6668	1.574	276.000
278.000	640.2185	279.3611	336.9808	3.8598	0.3122	0.5214	310.67	0.1679	214.6	206.15	0.6665	1.562	278.000
280.000	645.1681	280.1678	338.0237	3.8635	0.3122	0.5214	311.79	0.1689	216.0	208.44	0.6668	1.554	280.000
282.000	648.5115	280.7002	339.0668	3.8670	0.3122	0.5214	312.90	0.1699	217.3	211.31	0.6669	1.542	282.000
284.000	653.5912	281.2859	340.1091	3.8708	0.3122	0.5214	314.01	0.1710	218.6	214.34	0.6666	1.530	284.000
286.000	658.7512	281.8644	341.1520	3.8743	0.3122	0.5214	315.12	0.1720	219.9	217.30	0.6666	1.518	286.000
288.000	662.2366	282.5933	342.1948	3.8780	0.3122	0.5214	316.22	0.1730	221.2	219.72	0.6667	1.510	288.000
290.000	667.5345	283.1591	343.2372	3.8815	0.3122	0.5214	317.32	0.1740	222.5	222.76	0.6668	1.498	290.000
292.000	671.1137	283.8795	344.2798	3.8851	0.3122	0.5214	318.42	0.1751	223.8	225.37	0.6665	1.490	292.000
294.000	676.5552	284.4324	345.3224	3.8888	0.3122	0.5214	319.51	0.1761	225.1	228.49	0.6665	1.478	294.000
296.000	680.2321	285.1441	346.3650	3.8923	0.3122	0.5212	320.59	0.1771	226.4	231.15	0.6663	1.470	296.000
298.000	685.8231	285.6835	347.4076	3.8956	0.3122	0.5212	321.68	0.1781	227.7	234.36	0.6663	1.458	298.000
300.000	689.6017	286.3668	348.4502	3.8991	0.3122	0.5212	322.76	0.1791	229.0	236.98	0.6664	1.450	300.000
302.000	693.4222	287.0646	349.4926	3.9026	0.3122	0.5212	323.83	0.1801	230.3	239.62	0.6664	1.442	302.000
304.000	699.2331	287.6642	350.5352	3.9061	0.3122	0.5212	324.91	0.1811	231.6	242.97	0.6665	1.430	304.000
306.000	703.1613	288.2936	351.5775	3.9093	0.3122	0.5212	325.97	0.1821	232.8	245.69	0.6663	1.422	306.000
308.000	707.1348	288.9778	352.6199	3.9128	0.3122	0.5212	327.04	0.1831	234.1	248.43	0.6663	1.414	308.000
310.000	713.1779	289.4765	353.6625	3.9161	0.3122	0.5212	328.10	0.1841	235.4	251.92	0.6664	1.402	310.000
312.000	717.2649	290.1518	354.7049	3.9193	0.3122	0.5212	329.16	0.1851	236.7	254.74	0.6665	1.394	312.000
314.000	721.3998	290.8213	355.7472	3.9228	0.3122	0.5212	330.21	0.1861	237.9	257.59	0.6662	1.386	314.000
316.000	725.5818	291.4878	356.7893	3.9261	0.3122	0.5212	331.27	0.1871	239.2	260.48	0.6663	1.378	316.000
318.000	729.8118	292.1486	357.8317	3.9294	0.3122	0.5212	332.31	0.1880	240.4	263.26	0.6664	1.370	318.000
320.000	734.0922	292.8857	358.8740	3.9326	0.3122	0.5212	333.36	0.1890	241.7	266.21	0.6665	1.362	320.000
322.000	738.4231	293.4583	359.9164	3.9359	0.3122	0.5212	334.40	0.1900	242.9	269.20	0.6663	1.354	322.000
324.000	745.0162	293.9878	360.9585	3.9389	0.3122	0.5212	335.44	0.1910	244.2	273.03	0.6663	1.342	324.000
326.000	749.4774	294.5479	362.0006	3.9421	0.3122	0.5212	336.47	0.1919	245.4	275.96	0.6665	1.334	326.000

THERMODYNAMIC PROPERTIES OF ARGON

0.9 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
328.000	753.9922	295.1836	383.0429	3.9464	0.3122	0.5212	337.51	0.1929	246.7	279.07	0.6665	1.326	328.000
330.000	758.5619	295.8145	384.0050	3.9484	0.3122	0.5212	338.53	0.1939	247.9	282.22	0.6663	1.318	330.000
332.000	763.1073	296.4483	385.1271	3.9516	0.3122	0.5212	339.56	0.1948	249.1	285.26	0.6665	1.310	332.000
334.000	765.5212	297.2726	386.1695	3.9548	0.3122	0.5212	340.58	0.1958	250.4	287.60	0.6665	1.306	334.000
336.000	770.2321	297.8907	387.2116	3.9579	0.3122	0.5212	341.60	0.1968	251.6	290.84	0.6663	1.298	336.000
338.000	775.0013	298.5036	388.2537	3.9609	0.3122	0.5212	342.62	0.1977	252.8	293.98	0.6664	1.290	338.000
340.000	779.8300	299.1111	389.2958	3.9639	0.3122	0.5209	343.63	0.1987	254.0	297.45	0.6659	1.282	340.000
342.000	784.7192	299.7138	390.3377	3.9669	0.3122	0.5209	344.64	0.1996	255.2	300.68	0.6660	1.274	342.000
344.000	789.6701	300.3094	391.3796	3.9699	0.3122	0.5209	345.65	0.2006	256.5	304.09	0.6661	1.266	344.000
346.000	794.6839	300.9003	392.4219	3.9729	0.3122	0.5209	346.65	0.2015	257.7	307.39	0.6662	1.258	346.000
348.000	797.2148	301.7147	393.4640	3.9759	0.3122	0.5209	347.65	0.2025	258.9	309.90	0.6660	1.254	348.000
350.000	802.3251	302.2966	394.5058	3.9789	0.3122	0.5209	348.65	0.2034	260.1	313.27	0.6661	1.246	350.000
352.000	807.5014	302.8728	395.5479	3.9819	0.3122	0.5209	349.65	0.2044	261.3	316.85	0.6659	1.238	352.000
354.000	812.7449	303.4427	396.5898	3.9847	0.3122	0.5209	350.64	0.2053	262.5	320.31	0.6661	1.230	354.000
356.000	815.3923	304.2466	397.6319	3.9877	0.3122	0.5209	351.63	0.2062	263.7	322.76	0.6662	1.226	356.000
358.000	820.7391	304.8073	398.6738	3.9907	0.3122	0.5209	352.62	0.2072	264.9	326.45	0.6660	1.218	358.000
360.000	826.1565	305.3615	399.7156	3.9934	0.3122	0.5209	353.60	0.2081	266.1	330.03	0.6661	1.210	360.000
362.000	828.8922	306.1574	400.7577	3.9962	0.3122	0.5209	354.58	0.2090	267.2	332.56	0.6660	1.206	362.000
364.000	834.4182	306.7019	401.7996	3.9992	0.3122	0.5209	355.56	0.2099	268.4	336.22	0.6661	1.198	364.000
366.000	840.0182	307.2398	402.8414	4.0020	0.3122	0.5209	356.54	0.2109	269.6	340.09	0.6659	1.190	366.000
368.000	842.8466	308.0271	403.8833	4.0047	0.3122	0.5209	357.51	0.2118	270.8	342.69	0.6660	1.186	368.000
370.000	848.5666	308.5547	404.9251	4.0077	0.3122	0.5209	358.48	0.2127	271.9	346.48	0.6659	1.178	370.000
372.000	851.4478	309.3368	405.9670	4.0105	0.3122	0.5209	359.45	0.2136	273.1	349.13	0.6660	1.174	372.000
374.000	857.2789	309.8538	407.0089	4.0132	0.3122	0.5209	360.42	0.2145	274.3	353.00	0.6662	1.166	374.000
376.000	860.2249	310.6365	408.0507	4.0160	0.3122	0.5209	361.38	0.2155	275.4	356.86	0.6657	1.162	376.000
378.000	866.1788	311.1365	409.0926	4.0187	0.3122	0.5209	362.34	0.2164	276.6	359.82	0.6658	1.154	378.000
380.000	869.1855	311.9075	410.1342	4.0215	0.3122	0.5209	363.30	0.2173	277.8	362.57	0.6660	1.151	380.000
382.000	875.2637	312.4823	411.1760	4.0240	0.3122	0.5209	364.25	0.2182	278.9	366.62	0.6658	1.143	382.000
384.000	878.3348	313.1677	412.2179	4.0267	0.3122	0.5209	365.21	0.2191	280.1	369.42	0.6660	1.139	384.000
386.000	884.5422	313.6589	413.2597	4.0295	0.3122	0.5209	366.16	0.2200	281.2	373.66	0.6658	1.131	386.000
388.000	887.6788	314.4102	414.3013	4.0322	0.3122	0.5209	367.10	0.2209	282.4	376.42	0.6660	1.127	388.000
390.000	894.0193	314.9814	415.3432	4.0347	0.3122	0.5209	368.05	0.2218	283.5	380.65	0.6658	1.119	390.000
392.000	897.2238	315.6346	416.3848	4.0375	0.3122	0.5209	368.99	0.2227	284.7	383.57	0.6660	1.115	392.000
394.000	900.4512	316.3868	417.4268	4.0400	0.3122	0.5209	369.93	0.2236	285.8	386.50	0.6658	1.111	394.000
396.000	906.9762	316.8484	418.4682	4.0428	0.3122	0.5209	370.87	0.2245	286.9	390.87	0.6657	1.103	396.000
398.000	910.2743	317.5854	419.5101	4.0453	0.3122	0.5209	371.81	0.2254	288.1	393.87	0.6658	1.099	398.000
400.000	913.5964	318.3288	420.5517	4.0478	0.3122	0.5209	372.74	0.2262	289.2	396.71	0.6660	1.095	400.000

THERMODYNAMIC PROPERTIES OF ARGON

1.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
86.000	0.7138	72.1745	72.2459	1.3428	0.9049	1.3115	598.73	1.3038	2695.9	0.71	2.7117	1400.881	86.000
87.000	0.7176	73.4734	73.5451	1.3570	0.8646	1.2837	606.58	1.2859	2616.1	0.72	2.6116	1394.733	87.000
• 87.168	0.7175	73.6769	73.7486	1.3595	0.8586	1.2799	607.58	1.2831	2603.7	0.72	2.5972	1393.756	87.168
• 87.168	175.2979	218.3639	236.8937	3.2199	0.3399	0.5828	170.25	0.0585	72.4	17.66	0.7212	5.705	87.168
88.000	177.1588	218.6672	236.8838	3.2254	0.3387	0.5866	171.26	0.0589	73.1	17.99	0.7198	5.645	88.000
89.000	179.4447	219.0169	238.9613	3.2326	0.3374	0.5773	172.31	0.0595	73.8	18.58	0.7168	5.573	89.000
90.000	181.8585	219.3712	237.5378	3.2382	0.3362	0.5745	173.42	0.0601	74.6	19.06	0.7131	5.505	90.000
91.000	183.7925	219.7306	238.1106	3.2447	0.3349	0.5717	174.51	0.0606	75.4	19.48	0.7114	5.441	91.000
92.000	185.9773	220.0928	238.6805	3.2507	0.3337	0.5695	175.59	0.0612	76.2	19.99	0.7091	5.377	92.000
93.000	188.2148	220.4578	239.2498	3.2570	0.3327	0.5672	176.66	0.0618	76.9	20.51	0.7058	5.313	93.000
94.000	190.3615	220.7786	239.8148	3.2630	0.3317	0.5650	177.72	0.0623	77.7	20.99	0.7046	5.253	94.000
95.000	192.5588	221.1224	240.3782	3.2690	0.3307	0.5630	178.77	0.0629	78.5	21.51	0.7026	5.193	95.000
96.000	194.8058	221.4661	240.9407	3.2748	0.3297	0.5612	179.81	0.0635	79.3	22.04	0.7009	5.133	96.000
97.000	196.9616	221.8050	241.5002	3.2805	0.3289	0.5595	180.85	0.0641	80.0	22.56	0.6983	5.077	97.000
98.000	199.1451	222.1447	242.0592	3.2863	0.3282	0.5577	181.87	0.0646	80.8	23.07	0.6976	5.021	98.000
99.000	201.2262	222.4936	242.6156	3.2920	0.3274	0.5562	182.89	0.0652	81.6	23.59	0.6961	4.970	99.000
100.000	203.3513	222.8360	243.1711	3.2975	0.3267	0.5547	183.90	0.0658	82.4	24.12	0.6947	4.918	100.000
101.000	205.5217	223.1727	243.7248	3.3030	0.3259	0.5532	184.90	0.0664	83.2	24.67	0.6932	4.866	101.000
102.000	207.7390	223.5034	244.2773	3.3083	0.3254	0.5520	185.89	0.0670	83.9	25.22	0.6912	4.814	102.000
103.000	209.8285	223.8457	244.8285	3.3138	0.3249	0.5507	186.88	0.0676	84.7	25.76	0.6900	4.766	103.000
104.000	211.9686	224.1822	245.3782	3.3191	0.3242	0.5496	187.86	0.0681	85.5	26.27	0.6899	4.718	104.000
105.000	214.1364	224.5135	245.9272	3.3243	0.3237	0.5482	188.83	0.0687	86.3	26.83	0.6887	4.670	105.000
106.000	216.1795	224.8581	246.4752	3.3296	0.3232	0.5472	189.80	0.0693	87.1	27.38	0.6878	4.626	106.000
107.000	218.4341	225.1782	247.0216	3.3346	0.3227	0.5462	190.76	0.0699	87.9	27.95	0.6869	4.578	107.000
108.000	220.5518	225.5122	247.5673	3.3396	0.3222	0.5452	191.71	0.0705	88.7	28.52	0.6868	4.534	108.000
109.000	222.7095	225.8468	248.1118	3.3448	0.3219	0.5445	192.66	0.0711	89.4	29.08	0.6846	4.490	109.000
110.000	224.7886	226.1849	248.6557	3.3496	0.3214	0.5435	193.60	0.0717	90.2	29.65	0.6837	4.450	110.000
111.000	226.9498	226.5835	249.1985	3.3544	0.3209	0.5427	194.54	0.0723	91.0	30.23	0.6831	4.406	111.000
112.000	229.0268	226.8388	249.7406	3.3594	0.3207	0.5420	195.47	0.0729	91.8	30.81	0.6825	4.366	112.000
113.000	231.1467	227.1666	250.2821	3.3641	0.3202	0.5412	196.39	0.0735	92.6	31.39	0.6818	4.326	113.000
114.000	233.2949	227.4933	250.8228	3.3689	0.3199	0.5405	197.31	0.0741	93.4	31.99	0.6812	4.286	114.000
115.000	235.2683	227.8362	251.3630	3.3736	0.3197	0.5397	198.22	0.0747	94.2	32.56	0.6806	4.250	115.000
116.000	237.5004	228.1519	251.9020	3.3781	0.3194	0.5390	199.13	0.0753	95.0	33.18	0.6800	4.211	116.000
117.000	239.5459	228.4858	252.4404	3.3829	0.3189	0.5384	200.04	0.0759	95.7	33.77	0.6789	4.175	117.000
118.000	241.6269	228.8159	252.9786	3.3874	0.3187	0.5377	200.93	0.0765	96.5	34.38	0.6783	4.139	118.000
119.000	243.7443	229.1416	253.5161	3.3919	0.3184	0.5372	201.83	0.0771	97.3	34.98	0.6779	4.103	119.000
120.000	245.8992	229.4631	254.0530	3.3964	0.3182	0.5367	202.72	0.0777	98.1	35.60	0.6776	4.067	120.000
121.000	247.8478	229.8045	254.5892	3.4007	0.3179	0.5362	203.60	0.0783	98.9	36.19	0.6773	4.035	121.000
122.000	250.0753	230.1174	255.1249	3.4052	0.3177	0.5357	204.48	0.0789	99.7	36.83	0.6769	3.999	122.000
123.000	252.0001	230.4514	255.6604	3.4094	0.3174	0.5352	205.35	0.0795	100.5	37.45	0.6766	3.967	123.000
124.000	254.1375	230.7813	256.1951	3.4137	0.3174	0.5347	206.22	0.0801	101.3	38.07	0.6762	3.935	124.000
125.000	256.2184	231.1077	256.7295	3.4182	0.3172	0.5342	207.09	0.0807	102.1	38.71	0.6759	3.903	125.000
126.000	258.3338	231.4301	257.2634	3.4222	0.3169	0.5339	207.95	0.0813	102.9	39.33	0.6758	3.871	126.000
127.000	260.4843	231.7487	257.7971	3.4265	0.3167	0.5334	208.81	0.0819	103.7	39.99	0.6754	3.839	127.000
128.000	262.6710	232.0632	258.3303	3.4307	0.3167	0.5332	209.66	0.0825	104.4	40.64	0.6747	3.807	128.000

THERMODYNAMIC PROPERTIES OF ARGON

1.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
129.000	264.6146	232.4016	258.8638	3.4347	0.3164	0.5327	210.51	0.0831	105.2	41.28	0.6744	3.779	129.000
130.000	266.8715	232.7065	259.3957	3.4390	0.3162	0.5324	211.35	0.0837	106.0	41.95	0.6743	3.747	130.000
131.000	268.8780	233.0401	259.9279	3.4430	0.3162	0.5319	212.20	0.0843	106.8	42.61	0.6739	3.719	131.000
132.000	270.9150	233.3679	260.4594	3.4470	0.3159	0.5317	213.03	0.0849	107.6	43.26	0.6739	3.691	132.000
133.000	272.9830	233.6925	260.9908	3.4510	0.3159	0.5314	213.87	0.0855	108.4	43.92	0.6738	3.663	133.000
134.000	275.0829	234.0137	261.5220	3.4550	0.3157	0.5309	214.70	0.0861	109.2	44.61	0.6734	3.636	134.000
135.000	277.2153	234.3314	262.0529	3.4587	0.3157	0.5307	215.52	0.0867	110.0	45.29	0.6733	3.607	135.000
136.000	279.3811	234.6455	262.5836	3.4628	0.3154	0.5304	216.35	0.0873	110.8	45.98	0.6732	3.579	136.000
137.000	281.2845	234.9871	263.1136	3.4665	0.3154	0.5302	217.17	0.0879	111.6	46.63	0.6731	3.555	137.000
138.000	283.4943	235.2943	263.6437	3.4705	0.3152	0.5299	217.98	0.0886	112.3	47.40	0.6717	3.527	138.000
139.000	285.4338	235.6301	264.1734	3.4743	0.3152	0.5297	218.79	0.0892	113.1	48.07	0.6716	3.503	139.000
140.000	287.7384	235.9381	264.7031	3.4780	0.3149	0.5294	219.60	0.0898	113.9	48.80	0.6715	3.475	140.000
141.000	289.7285	236.2594	265.2323	3.4818	0.3149	0.5292	220.41	0.0904	114.7	49.49	0.6714	3.452	141.000
142.000	291.7546	236.5868	265.7615	3.4855	0.3147	0.5289	221.21	0.0910	115.5	50.19	0.6713	3.428	142.000
143.000	293.8092	236.9096	266.2904	3.4893	0.3147	0.5287	222.01	0.0916	116.3	50.91	0.6712	3.404	143.000
144.000	295.8929	237.2296	266.8188	3.4928	0.3147	0.5287	222.80	0.0922	117.1	51.60	0.6715	3.380	144.000
145.000	298.0065	237.5464	267.3470	3.4965	0.3144	0.5284	223.60	0.0928	117.8	52.33	0.6708	3.356	145.000
146.000	300.1504	237.8604	267.8755	3.5001	0.3144	0.5282	224.39	0.0934	118.6	53.08	0.6707	3.332	146.000
147.000	301.9667	238.2078	268.4034	3.5036	0.3144	0.5279	225.17	0.0940	119.4	53.76	0.6706	3.312	147.000
148.000	304.1621	238.5151	268.9313	3.5073	0.3142	0.5279	225.96	0.0946	120.2	54.50	0.6706	3.288	148.000
149.000	306.0213	238.8669	269.4590	3.5108	0.3142	0.5277	226.74	0.0952	121.0	55.21	0.6707	3.268	149.000
150.000	308.2825	239.1582	269.9865	3.5143	0.3142	0.5274	227.51	0.0958	121.8	55.99	0.6706	3.244	150.000
151.000	310.1926	239.4944	270.5137	3.5178	0.3142	0.5274	228.29	0.0964	122.5	56.69	0.6702	3.224	151.000
152.000	312.5161	239.7892	271.0406	3.5211	0.3139	0.5272	229.06	0.0970	123.3	57.50	0.6701	3.200	152.000
153.000	314.4792	240.1281	271.5668	3.5246	0.3139	0.5269	229.83	0.0976	124.1	58.25	0.6700	3.180	153.000
154.000	316.4678	240.4483	272.0958	3.5281	0.3139	0.5269	230.60	0.0982	124.9	58.98	0.6702	3.160	154.000
155.000	318.4882	240.7736	272.6216	3.5313	0.3139	0.5267	231.36	0.0988	125.7	59.74	0.6701	3.140	155.000
156.000	320.5191	241.0964	273.1483	3.5348	0.3137	0.5267	232.12	0.0994	126.5	60.49	0.6703	3.120	156.000
157.000	322.5843	241.4163	273.6747	3.5381	0.3137	0.5264	232.88	0.1000	127.2	61.28	0.6696	3.100	157.000
158.000	324.6703	241.7333	274.2010	3.5414	0.3137	0.5264	233.63	0.1006	128.0	62.04	0.6698	3.080	158.000
159.000	326.7956	242.0476	274.7271	3.5449	0.3137	0.5262	234.39	0.1012	128.8	62.85	0.6697	3.060	159.000
160.000	328.9427	242.3591	275.2533	3.5481	0.3137	0.5262	235.14	0.1018	129.6	63.64	0.6699	3.040	160.000
161.000	330.6889	242.7112	275.7793	3.5514	0.3134	0.5259	235.88	0.1024	130.3	64.38	0.6692	3.024	161.000
162.000	332.8796	243.0172	276.3052	3.5546	0.3134	0.5259	236.63	0.1030	131.1	65.19	0.6694	3.004	162.000
163.000	335.1077	243.3201	276.8309	3.5576	0.3134	0.5257	237.37	0.1036	131.9	66.04	0.6693	2.984	163.000
164.000	336.9118	243.6651	277.3563	3.5609	0.3134	0.5257	238.11	0.1042	132.7	66.78	0.6695	2.968	164.000
165.000	339.1944	243.9623	277.8817	3.5641	0.3134	0.5254	238.85	0.1048	133.4	67.65	0.6688	2.948	165.000
166.000	341.8428	244.3031	278.4074	3.5674	0.3134	0.5254	239.58	0.1054	134.2	68.41	0.6690	2.932	166.000
167.000	343.3828	244.5944	278.9326	3.5704	0.3134	0.5254	240.31	0.1060	135.0	69.27	0.6692	2.912	167.000
168.000	345.2765	244.9384	279.4580	3.5734	0.3132	0.5252	241.04	0.1066	135.7	70.08	0.6685	2.896	168.000
169.000	347.1928	245.2648	279.9832	3.5766	0.3132	0.5252	241.77	0.1072	136.5	70.87	0.6687	2.880	169.000
170.000	349.1289	245.5958	280.5079	3.5797	0.3132	0.5249	242.50	0.1078	137.3	71.70	0.6686	2.864	170.000
171.000	351.5867	245.8748	281.0328	3.5827	0.3132	0.5249	243.22	0.1084	138.1	72.60	0.6688	2.844	171.000
172.000	353.5670	246.2011	281.5578	3.5859	0.3132	0.5249	243.94	0.1089	138.8	73.36	0.6691	2.828	172.000
173.000	355.5759	246.5248	282.0824	3.5889	0.3132	0.5247	244.66	0.1095	139.6	74.21	0.6689	2.812	173.000

THERMODYNAMIC PROPERTIES OF ARGON

1.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
174.000	357.6078	246.8466	282.6674	3.5919	0.3132	0.5247	245.38	0.1101	140.4	76.04	0.6691	2.796	174.000
176.000	359.6630	247.1655	283.1318	3.5947	0.3132	0.5247	246.09	0.1107	141.1	76.88	0.6688	2.788	176.000
178.000	361.7419	247.4823	283.6565	3.5977	0.3129	0.5244	246.80	0.1113	141.9	76.77	0.6686	2.764	178.000
177.000	363.8451	247.7964	284.1869	3.6007	0.3129	0.5244	247.51	0.1119	142.6	77.64	0.6683	2.748	177.000
178.000	365.4396	248.1615	284.7864	3.6037	0.3129	0.5244	248.22	0.1125	143.4	78.39	0.6685	2.738	178.000
179.000	367.5851	248.4718	285.2295	3.6067	0.3129	0.5244	248.93	0.1131	144.2	79.27	0.6686	2.726	179.000
180.000	369.7569	248.7788	285.7537	3.6094	0.3129	0.5242	249.63	0.1137	144.9	80.20	0.6688	2.704	180.000
181.000	371.9548	249.0825	286.2779	3.6124	0.3129	0.5242	250.33	0.1143	145.7	81.11	0.6682	2.689	181.000
182.000	373.0288	249.4481	286.8021	3.6152	0.3129	0.5242	251.03	0.1148	146.4	81.83	0.6685	2.677	182.000
183.000	375.0648	249.7399	287.3263	3.6180	0.3129	0.5242	251.73	0.1154	147.2	82.75	0.6686	2.661	183.000
184.000	378.1351	250.0367	287.8502	3.6210	0.3129	0.5239	252.42	0.1160	148.0	83.72	0.6685	2.645	184.000
185.000	379.8565	250.3885	288.3741	3.6237	0.3129	0.5239	253.11	0.1166	148.7	84.54	0.6682	2.633	185.000
186.000	382.1762	250.6885	288.8981	3.6265	0.3127	0.5239	253.81	0.1172	149.5	85.49	0.6683	2.617	186.000
187.000	383.9347	251.0283	289.4218	3.6292	0.3127	0.5239	254.50	0.1178	150.2	86.32	0.6680	2.605	187.000
188.000	386.3847	251.3152	289.9457	3.6320	0.3127	0.5237	255.18	0.1184	151.0	87.34	0.6679	2.589	188.000
189.000	388.1815	251.6592	290.4693	3.6347	0.3127	0.5237	255.87	0.1189	151.7	88.12	0.6681	2.577	189.000
190.000	389.9158	252.0015	290.9930	3.6375	0.3127	0.5237	256.55	0.1195	152.5	88.98	0.6683	2.565	190.000
191.000	392.3598	252.2885	291.5164	3.6402	0.3127	0.5237	257.23	0.1201	153.2	89.98	0.6680	2.549	191.000
192.000	394.2133	252.6188	292.0401	3.6430	0.3127	0.5237	257.91	0.1207	154.0	90.86	0.6682	2.537	192.000
193.000	396.0648	252.9551	292.5636	3.6457	0.3127	0.5234	258.59	0.1213	154.7	91.79	0.6676	2.525	193.000
194.000	397.9737	253.2896	293.0870	3.6485	0.3127	0.5234	259.27	0.1218	155.5	92.61	0.6683	2.513	194.000
195.000	400.5287	253.5584	293.6104	3.6510	0.3127	0.5234	259.94	0.1224	156.2	93.66	0.6680	2.497	195.000
196.000	402.4525	253.8886	294.1339	3.6537	0.3127	0.5234	260.61	0.1230	157.0	94.57	0.6681	2.485	196.000
197.000	404.4038	254.2168	294.6570	3.6563	0.3127	0.5234	261.28	0.1236	157.7	95.49	0.6678	2.473	197.000
198.000	406.3725	254.5432	295.1805	3.6590	0.3127	0.5232	261.95	0.1241	158.5	96.39	0.6682	2.461	198.000
199.000	408.3612	254.8675	295.7036	3.6615	0.3127	0.5232	262.62	0.1247	159.2	97.33	0.6679	2.449	199.000
200.000	410.3696	255.1899	296.2268	3.6643	0.3127	0.5232	263.28	0.1253	159.9	98.28	0.6676	2.437	200.000
202.000	419.3956	255.8466	297.2772	3.6718	0.3127	0.5232	264.61	0.1264	161.4	101.30	0.6680	2.385	202.000
204.000	423.5625	255.9671	298.3233	3.6776	0.3124	0.5229	265.93	0.1276	162.9	103.35	0.6676	2.361	204.000
206.000	427.9867	256.5785	299.3692	3.6828	0.3124	0.5229	267.24	0.1287	164.4	105.31	0.6680	2.337	206.000
208.000	431.5958	257.2552	300.4148	3.6878	0.3124	0.5229	268.54	0.1299	165.8	107.21	0.6675	2.317	208.000
210.000	436.1078	257.8499	301.4606	3.6928	0.3124	0.5229	269.84	0.1310	167.3	109.25	0.6678	2.293	210.000
212.000	439.9393	258.5121	302.5060	3.6971	0.3124	0.5227	271.13	0.1321	168.8	111.19	0.6679	2.273	212.000
214.000	443.8394	259.1677	303.5516	3.7018	0.3124	0.5227	272.42	0.1333	170.2	113.19	0.6674	2.253	214.000
216.000	448.6119	259.7855	304.5967	3.7068	0.3124	0.5227	273.70	0.1344	171.7	115.35	0.6677	2.229	216.000
218.000	452.6688	260.3758	305.6418	3.7116	0.3124	0.5227	274.97	0.1355	173.1	117.35	0.6677	2.209	218.000
220.000	456.7982	261.0071	306.6870	3.7163	0.3124	0.5224	276.24	0.1366	174.6	119.44	0.6678	2.189	220.000
222.000	461.0045	261.6316	307.7321	3.7211	0.3124	0.5224	277.50	0.1378	176.0	121.60	0.6673	2.169	222.000
224.000	465.2889	262.2477	308.7766	3.7256	0.3124	0.5224	278.75	0.1389	177.4	123.71	0.6672	2.149	224.000
226.000	468.7742	262.9441	309.8215	3.7303	0.3124	0.5224	280.00	0.1400	178.9	125.62	0.6676	2.133	226.000
228.000	473.2858	263.5456	310.8661	3.7349	0.3124	0.5224	281.25	0.1411	180.3	127.81	0.6676	2.113	228.000
230.000	477.7283	264.1387	311.9107	3.7394	0.3124	0.5222	282.48	0.1422	181.7	130.09	0.6672	2.093	230.000
232.000	481.3951	264.8159	312.9554	3.7439	0.3124	0.5222	283.72	0.1433	183.1	132.11	0.6672	2.077	232.000
234.000	485.1268	265.4878	313.9997	3.7484	0.3124	0.5222	284.94	0.1444	184.5	134.15	0.6672	2.061	234.000
236.000	489.8736	266.0567	315.0440	3.7529	0.3124	0.5222	286.16	0.1455	186.0	136.50	0.6675	2.041	236.000

THERMODYNAMIC PROPERTIES OF ARGON

1.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
238.000	493.7385	266.7143	316.0681	3.7571	0.3124	0.5222	287.38	0.1466	187.4	138.62	0.6675	2.025	238.000
240.000	497.6649	267.3658	317.1323	3.7614	0.3124	0.5222	288.59	0.1477	188.8	140.77	0.6675	2.009	240.000
242.000	501.6542	268.0118	318.1764	3.7659	0.3124	0.5219	289.80	0.1488	190.2	143.02	0.6671	1.993	242.000
244.000	505.7079	268.6497	319.2205	3.7702	0.3124	0.5219	291.00	0.1499	191.6	145.24	0.6671	1.977	244.000
246.000	509.8278	269.2815	320.2643	3.7744	0.3122	0.5219	292.19	0.1510	192.9	147.50	0.6668	1.961	246.000
248.000	514.0153	269.9067	321.3082	3.7784	0.3122	0.5219	293.38	0.1521	194.3	149.79	0.6667	1.945	248.000
250.000	518.2721	270.5248	322.3521	3.7827	0.3122	0.5219	294.57	0.1531	195.7	152.03	0.6672	1.929	250.000
252.000	522.6001	271.1359	323.3959	3.7869	0.3122	0.5219	295.75	0.1542	197.1	154.40	0.6671	1.914	252.000
254.000	527.0009	271.7394	324.4395	3.7909	0.3122	0.5219	296.93	0.1553	198.5	156.81	0.6671	1.898	254.000
256.000	531.3565	272.4481	325.4831	3.7949	0.3122	0.5219	298.10	0.1563	199.8	158.82	0.6672	1.886	256.000
258.000	534.8834	273.0384	326.5267	3.7989	0.3122	0.5217	299.27	0.1574	201.2	161.38	0.6668	1.870	258.000
260.000	539.4944	273.6299	327.5703	3.8029	0.3122	0.5217	300.43	0.1585	202.6	163.91	0.6668	1.854	260.000
262.000	543.8952	274.3134	328.6139	3.8069	0.3122	0.5217	301.58	0.1595	203.9	166.02	0.6669	1.842	262.000
264.000	547.7581	274.8815	329.6573	3.8110	0.3122	0.5217	302.74	0.1606	205.3	168.63	0.6669	1.826	264.000
266.000	551.3776	275.5629	330.7007	3.8150	0.3122	0.5217	303.89	0.1616	206.6	170.86	0.6669	1.814	266.000
268.000	555.0453	276.2395	331.7440	3.8187	0.3122	0.5217	305.03	0.1627	208.0	173.11	0.6669	1.802	268.000
270.000	560.0121	276.7862	332.7874	3.8227	0.3122	0.5217	306.17	0.1637	209.3	175.73	0.6670	1.786	270.000
272.000	563.7968	277.4599	333.8305	3.8265	0.3122	0.5217	307.31	0.1648	210.7	178.11	0.6670	1.774	272.000
274.000	567.6313	278.1187	334.8738	3.8302	0.3122	0.5217	308.44	0.1658	212.0	180.48	0.6670	1.762	274.000
276.000	571.5192	278.7650	335.9169	3.8340	0.3122	0.5217	309.56	0.1669	213.3	182.85	0.6667	1.750	276.000
278.000	575.4606	279.4139	336.9600	3.8377	0.3122	0.5217	310.69	0.1679	214.7	185.21	0.6671	1.738	278.000
280.000	579.4578	280.0574	338.0031	3.8415	0.3122	0.5214	311.80	0.1689	216.0	187.70	0.6668	1.726	280.000
282.000	584.0725	280.5590	339.0462	3.8452	0.3122	0.5214	312.92	0.1700	217.3	190.08	0.6665	1.710	282.000
284.000	587.6184	281.3273	340.0891	3.8488	0.3122	0.5214	314.03	0.1710	218.6	192.71	0.6666	1.702	284.000
286.000	591.7859	281.9636	341.1322	3.8525	0.3122	0.5214	315.14	0.1720	219.9	195.21	0.6668	1.690	286.000
288.000	596.0129	282.5738	342.1750	3.8560	0.3122	0.5214	316.24	0.1731	221.2	197.86	0.6663	1.678	288.000
290.000	600.3008	283.1878	343.2179	3.8598	0.3122	0.5214	317.34	0.1741	222.6	200.43	0.6667	1.666	290.000
292.000	604.6508	283.7957	344.2608	3.8633	0.3122	0.5214	318.43	0.1751	223.9	203.05	0.6667	1.654	292.000
294.000	609.0643	284.3972	345.3036	3.8668	0.3122	0.5214	319.52	0.1761	225.2	205.76	0.6668	1.642	294.000
296.000	613.5427	284.9922	346.3465	3.8703	0.3122	0.5214	320.61	0.1771	226.4	208.39	0.6668	1.630	296.000
298.000	618.0861	285.7328	347.3893	3.8738	0.3122	0.5214	321.78	0.1781	227.7	210.68	0.6666	1.622	298.000
300.000	621.1549	286.3165	348.4319	3.8773	0.3122	0.5214	322.78	0.1791	229.0	213.35	0.6667	1.610	300.000
302.000	625.8136	286.8932	349.4745	3.8808	0.3122	0.5214	323.85	0.1801	230.3	216.15	0.6668	1.598	302.000
304.000	628.9584	287.6216	350.5174	3.8840	0.3122	0.5214	324.92	0.1811	231.6	218.45	0.6668	1.590	304.000
306.000	633.7352	288.1865	351.5600	3.8876	0.3122	0.5214	325.99	0.1821	232.9	221.32	0.6669	1.578	306.000
308.000	636.9684	288.9666	352.6026	3.8908	0.3122	0.5214	327.06	0.1831	234.1	223.67	0.6667	1.570	308.000
310.000	641.8666	289.4592	353.6452	3.8943	0.3122	0.5212	328.12	0.1841	235.4	226.73	0.6664	1.558	310.000
312.000	645.1686	290.1710	354.6878	3.8976	0.3122	0.5212	329.18	0.1851	236.7	229.14	0.6665	1.550	312.000
314.000	650.1959	290.7166	355.7302	3.9008	0.3122	0.5212	330.23	0.1861	237.9	232.17	0.6662	1.538	314.000
316.000	653.5912	291.4137	356.7728	3.9041	0.3122	0.5212	331.29	0.1871	239.2	234.64	0.6663	1.530	316.000
318.000	657.8221	292.1132	357.8154	3.9076	0.3122	0.5212	332.34	0.1881	240.4	237.13	0.6661	1.522	318.000
320.000	662.2366	292.6341	358.8578	3.9108	0.3122	0.5212	333.38	0.1891	241.7	240.28	0.6661	1.510	320.000
322.000	665.7592	293.3242	359.9001	3.9138	0.3122	0.5212	334.42	0.1900	243.0	242.71	0.6666	1.502	322.000
324.000	669.3193	294.0168	360.9427	3.9171	0.3122	0.5212	335.46	0.1910	244.2	245.29	0.6663	1.494	324.000
326.000	674.7316	294.5119	361.9851	3.9203	0.3122	0.5212	336.50	0.1920	245.4	248.57	0.6661	1.482	326.000

THERMODYNAMIC PROPERTIES OF ARGON

1.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
328.000	678.3887	296.1885	363.0274	3.9236	0.3122	0.5212	337.53	0.1929	246.7	251.09	0.6665	1.474	328.000
330.000	682.0856	296.8612	364.0698	3.9266	0.3122	0.5212	338.56	0.1939	247.9	253.76	0.6663	1.466	330.000
332.000	685.8231	296.5298	365.1121	3.9299	0.3122	0.5212	339.58	0.1949	249.1	256.47	0.6661	1.458	332.000
334.000	689.6017	297.1943	366.1545	3.9329	0.3122	0.5212	340.60	0.1958	250.4	259.07	0.6665	1.450	334.000
336.000	695.3484	297.8617	367.1968	3.9359	0.3122	0.5212	341.62	0.1968	251.6	262.57	0.6663	1.438	336.000
338.000	699.2331	298.3156	368.2390	3.9391	0.3122	0.5212	342.64	0.1978	252.8	265.38	0.6661	1.430	338.000
340.000	703.1613	298.9851	369.2813	3.9421	0.3122	0.5212	343.65	0.1987	254.0	268.08	0.6662	1.422	340.000
342.000	707.1348	299.6186	370.3234	3.9451	0.3122	0.5212	344.66	0.1997	255.3	270.95	0.6663	1.414	342.000
344.000	711.1518	300.2586	371.3658	3.9481	0.3122	0.5212	345.67	0.2006	256.5	273.72	0.6664	1.406	344.000
346.000	715.2155	300.8963	372.4079	3.9511	0.3122	0.5212	346.68	0.2016	257.7	276.66	0.6662	1.398	346.000
348.000	719.3259	301.5174	373.4500	3.9541	0.3122	0.5212	347.68	0.2025	258.9	279.49	0.6663	1.390	348.000
350.000	723.4839	302.1487	374.4921	3.9571	0.3122	0.5212	348.68	0.2034	260.1	282.36	0.6665	1.382	350.000
352.000	727.6902	302.7652	375.5342	3.9601	0.3122	0.5212	349.67	0.2044	261.3	285.39	0.6663	1.374	352.000
354.000	731.9457	303.3820	376.5765	3.9629	0.3122	0.5212	350.67	0.2053	262.5	288.32	0.6664	1.366	354.000
356.000	736.2512	303.9933	377.6184	3.9659	0.3122	0.5212	351.66	0.2063	263.7	291.43	0.6662	1.358	356.000
358.000	738.4231	304.8184	378.6607	3.9689	0.3122	0.5209	352.64	0.2072	264.9	293.71	0.6666	1.354	358.000
360.000	742.8854	305.4221	379.7026	3.9717	0.3122	0.5209	353.63	0.2081	266.1	296.74	0.6661	1.346	360.000
362.000	747.2481	306.0267	380.7447	3.9744	0.3122	0.5209	354.61	0.2091	267.3	299.94	0.6659	1.338	362.000
364.000	751.7208	306.6148	381.7868	3.9774	0.3122	0.5209	355.59	0.2100	268.4	303.04	0.6658	1.330	364.000
366.000	756.2701	307.2019	382.8289	3.9802	0.3122	0.5209	356.56	0.2109	269.6	306.18	0.6659	1.322	366.000
368.000	758.5619	308.0146	383.8708	3.9829	0.3122	0.5209	357.54	0.2118	270.8	308.42	0.6666	1.318	368.000
370.000	763.1873	308.5941	384.9129	3.9859	0.3122	0.5209	358.51	0.2127	272.0	311.62	0.6662	1.310	370.000
372.000	767.8694	309.1678	385.9547	3.9887	0.3122	0.5209	359.48	0.2137	273.1	315.00	0.6657	1.302	372.000
374.000	772.6093	309.7359	386.9968	3.9914	0.3122	0.5209	360.44	0.2146	274.3	318.28	0.6658	1.294	374.000
376.000	775.0813	310.5386	388.0387	3.9942	0.3122	0.5209	361.41	0.2155	275.5	320.61	0.6660	1.290	376.000
378.000	779.8360	311.0978	389.0806	3.9969	0.3122	0.5209	362.37	0.2164	276.6	323.95	0.6658	1.282	378.000
380.000	784.7192	311.6567	390.1227	3.9997	0.3122	0.5209	363.32	0.2173	277.8	327.34	0.6660	1.274	380.000
382.000	787.1868	312.4458	391.1645	4.0025	0.3122	0.5209	364.28	0.2182	278.9	329.73	0.6658	1.270	382.000
384.000	792.1691	312.9894	392.2064	4.0050	0.3122	0.5209	365.23	0.2191	280.1	333.18	0.6660	1.262	384.000
386.000	797.2148	313.5268	393.2482	4.0077	0.3122	0.5209	366.18	0.2200	281.2	336.68	0.6658	1.254	386.000
388.000	799.7617	314.3141	394.2903	4.0105	0.3122	0.5209	367.13	0.2209	282.4	339.14	0.6660	1.250	388.000
390.000	804.9058	314.8414	395.3319	4.0130	0.3122	0.5209	368.08	0.2218	283.5	342.71	0.6658	1.242	390.000
392.000	807.5614	315.6238	396.3740	4.0157	0.3122	0.5209	369.02	0.2227	284.7	345.21	0.6660	1.238	392.000
394.000	812.7449	316.1411	397.4156	4.0182	0.3122	0.5209	369.96	0.2236	285.8	348.86	0.6658	1.230	394.000
396.000	815.3923	316.9183	398.4575	4.0210	0.3122	0.5209	370.90	0.2245	287.0	351.40	0.6660	1.226	396.000
398.000	820.7391	317.4254	399.4993	4.0235	0.3122	0.5209	371.83	0.2254	288.1	355.13	0.6658	1.218	398.000
400.000	823.4389	318.1973	400.5412	4.0262	0.3122	0.5209	372.77	0.2263	289.2	357.72	0.6657	1.214	400.000

THERMODYNAMIC PROPERTIES OF ARGON

1.1 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
86.000	0.7138	72.1734	72.2519	1.3426	0.9049	1.3115	598.83	1.3839	2696.1	0.71	2.7117	1400.901	86.000
87.000	0.7170	73.4700	73.5489	1.3578	0.8644	1.2837	606.79	1.2868	2616.5	0.72	2.6118	1394.776	87.000
88.000	0.7202	74.7410	74.8210	1.3715	0.8281	1.2604	613.68	1.2885	2548.2	0.72	2.5248	1388.597	88.000
* 88.960	0.7234	74.8241	74.9034	1.3725	0.8258	1.2589	614.87	1.2874	2535.5	0.73	2.5185	1388.209	88.960
* 88.000	166.6716	218.5450	236.2168	3.2044	0.3414	0.5865	170.98	0.0592	73.2	16.22	0.7252	6.224	88.000
89.000	162.5498	218.8857	236.7666	3.2164	0.3399	0.5835	171.96	0.0597	73.9	16.63	0.7223	6.152	89.000
90.000	164.5795	219.2433	237.3478	3.2169	0.3387	0.5805	173.07	0.0603	74.7	17.10	0.7191	6.076	90.000
91.000	166.5585	219.6052	237.9258	3.2234	0.3372	0.5775	174.17	0.0609	75.4	17.56	0.7158	6.004	91.000
92.000	168.5693	219.9597	238.5023	3.2297	0.3359	0.5747	175.27	0.0614	76.2	18.01	0.7133	5.932	92.000
93.000	170.6376	220.3054	239.0755	3.2360	0.3349	0.5722	176.35	0.0620	77.0	18.49	0.7107	5.860	93.000
94.000	172.6382	220.6566	239.6468	3.2420	0.3337	0.5700	177.42	0.0626	77.8	18.96	0.7084	5.792	94.000
95.000	174.5845	221.0127	240.2148	3.2480	0.3327	0.5677	178.48	0.0631	78.5	19.40	0.7063	5.729	95.000
96.000	176.5341	221.3632	240.7820	3.2537	0.3317	0.5657	179.54	0.0637	79.3	19.88	0.7043	5.665	96.000
97.000	178.5488	221.7059	241.3462	3.2597	0.3307	0.5637	180.58	0.0643	80.1	20.37	0.7023	5.601	97.000
98.000	180.6180	222.0418	241.9087	3.2655	0.3299	0.5617	181.61	0.0649	80.9	20.87	0.7002	5.537	98.000
99.000	182.5868	222.3858	242.4695	3.2718	0.3289	0.5600	182.64	0.0654	81.7	21.32	0.6995	5.477	99.000
100.000	184.4697	222.7368	243.0284	3.2768	0.3282	0.5585	183.66	0.0660	82.4	21.88	0.6972	5.421	100.000
101.000	186.5316	223.0874	243.5859	3.2823	0.3274	0.5567	184.66	0.0666	83.2	22.31	0.6955	5.361	101.000
102.000	188.4901	223.4371	244.1419	3.2878	0.3267	0.5552	185.67	0.0672	84.0	22.81	0.6940	5.305	102.000
103.000	190.3815	223.7868	244.6966	3.2928	0.3262	0.5540	186.66	0.0678	84.8	23.38	0.6929	5.253	103.000
104.000	192.4186	224.0845	245.2496	3.2983	0.3254	0.5527	187.65	0.0683	85.6	23.78	0.6927	5.197	104.000
105.000	194.3528	224.4228	245.8015	3.3036	0.3249	0.5512	188.63	0.0689	86.3	24.29	0.6904	5.145	105.000
106.000	196.3337	224.7553	246.3528	3.3088	0.3244	0.5502	189.60	0.0695	87.1	24.88	0.6896	5.093	106.000
107.000	198.1991	225.0996	246.9015	3.3141	0.3237	0.5490	190.57	0.0701	87.9	25.31	0.6884	5.045	107.000
108.000	200.1883	225.4389	247.4499	3.3191	0.3232	0.5480	191.52	0.0707	88.7	25.82	0.6875	4.997	108.000
109.000	202.0383	225.7729	247.9971	3.3241	0.3229	0.5470	192.48	0.0713	89.5	26.34	0.6866	4.950	109.000
110.000	204.0142	226.1018	248.5433	3.3291	0.3224	0.5460	193.42	0.0719	90.3	26.87	0.6857	4.902	110.000
111.000	206.0292	226.4253	249.0885	3.3341	0.3219	0.5450	194.36	0.0725	91.1	27.41	0.6848	4.854	111.000
112.000	207.9115	226.7627	249.6338	3.3388	0.3214	0.5442	195.30	0.0731	91.9	27.93	0.6842	4.810	112.000
113.000	209.8285	227.0963	250.1765	3.3436	0.3212	0.5432	196.23	0.0736	92.6	28.43	0.6834	4.766	113.000
114.000	211.7813	227.4237	250.7197	3.3484	0.3207	0.5425	197.15	0.0742	93.4	28.97	0.6828	4.722	114.000
115.000	213.7786	227.7486	251.2614	3.3531	0.3204	0.5417	198.07	0.0748	94.2	29.52	0.6822	4.678	115.000
116.000	215.6119	228.0858	251.8031	3.3579	0.3199	0.5410	198.98	0.0754	95.0	30.05	0.6816	4.638	116.000
117.000	217.4852	228.4199	252.3433	3.3624	0.3197	0.5402	199.89	0.0760	95.8	30.66	0.6809	4.598	117.000
118.000	219.3913	228.7585	252.8835	3.3671	0.3194	0.5397	200.79	0.0766	96.6	31.14	0.6806	4.558	118.000
119.000	221.3311	229.0768	253.4224	3.3716	0.3192	0.5390	201.69	0.0772	97.4	31.76	0.6800	4.518	119.000
120.000	223.3055	229.3973	253.9609	3.3761	0.3189	0.5384	202.58	0.0778	98.2	32.27	0.6796	4.478	120.000
121.000	225.3154	229.7144	254.4991	3.3804	0.3187	0.5377	203.47	0.0784	99.0	32.85	0.6790	4.438	121.000
122.000	227.1556	230.0492	255.0363	3.3849	0.3184	0.5372	204.35	0.0790	99.7	33.41	0.6788	4.402	122.000
123.000	229.0266	230.3864	255.5732	3.3892	0.3182	0.5367	205.23	0.0796	100.5	33.97	0.6776	4.366	123.000
124.000	230.9275	230.7077	256.1097	3.3937	0.3179	0.5362	206.10	0.0802	101.3	34.54	0.6773	4.330	124.000
125.000	232.8669	231.0387	256.6454	3.3979	0.3177	0.5357	206.97	0.0808	102.1	35.12	0.6769	4.294	125.000
126.000	234.8269	231.3499	257.1808	3.4022	0.3174	0.5352	207.84	0.0814	102.9	35.72	0.6766	4.258	126.000
127.000	236.6825	231.6898	257.7166	3.4064	0.3172	0.5349	208.70	0.0820	103.7	36.27	0.6765	4.226	127.000
128.000	238.6324	232.0069	258.2505	3.4104	0.3169	0.5344	209.55	0.0826	104.5	36.88	0.6761	4.191	128.000

THERMODYNAMIC PROPERTIES OF ARGON

1.1 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
129.000	240.4663	232.3331	268.7844	3.4147	0.3169	0.5339	210.41	0.0832	105.3	37.47	0.6758	4.159	129.000
130.000	242.8286	232.6622	269.3184	3.4187	0.3167	0.5337	211.25	0.0838	106.1	38.05	0.6757	4.127	130.000
131.000	244.2199	232.9876	269.8518	3.4227	0.3164	0.5332	212.10	0.0844	106.9	38.66	0.6753	4.095	131.000
132.000	246.1418	233.3090	270.3845	3.4270	0.3164	0.5329	212.94	0.0850	107.6	39.26	0.6746	4.063	132.000
133.000	248.0926	233.6270	270.9172	3.4310	0.3162	0.5324	213.77	0.0857	108.4	39.93	0.6736	4.031	133.000
134.000	250.0753	233.9411	271.4494	3.4347	0.3159	0.5322	214.61	0.0863	109.2	40.55	0.6734	3.999	134.000
135.000	251.8865	234.2793	271.9813	3.4387	0.3159	0.5319	215.44	0.0869	110.0	41.14	0.6733	3.971	135.000
136.000	253.8797	234.5862	272.5130	3.4427	0.3157	0.5314	216.26	0.0875	110.8	41.80	0.6730	3.939	136.000
137.000	255.6950	234.9177	273.0442	3.4465	0.3157	0.5312	217.08	0.0881	111.6	42.41	0.6729	3.911	137.000
138.000	257.5365	235.2464	273.5754	3.4505	0.3154	0.5309	217.90	0.0887	112.4	43.02	0.6728	3.883	138.000
139.000	259.4846	235.5716	274.1061	3.4542	0.3154	0.5307	218.71	0.0893	113.2	43.65	0.6727	3.855	139.000
140.000	261.3666	235.8935	274.6365	3.4580	0.3152	0.5304	219.52	0.0899	114.0	44.29	0.6726	3.827	140.000
141.000	263.2234	236.2121	275.1667	3.4618	0.3152	0.5302	220.33	0.0905	114.7	44.93	0.6726	3.799	141.000
142.000	265.1752	236.5273	275.6966	3.4655	0.3152	0.5299	221.14	0.0911	115.5	45.59	0.6719	3.771	142.000
143.000	267.1563	236.8394	276.2266	3.4693	0.3149	0.5297	221.94	0.0917	116.3	46.25	0.6718	3.743	143.000
144.000	268.8788	237.1794	276.7560	3.4728	0.3149	0.5294	222.74	0.0923	117.1	46.88	0.6717	3.719	144.000
145.000	270.9158	237.4846	277.2852	3.4765	0.3147	0.5292	223.53	0.0929	117.9	47.56	0.6716	3.691	145.000
146.000	272.6857	237.8167	277.8141	3.4800	0.3147	0.5289	224.32	0.0935	118.7	48.20	0.6715	3.667	146.000
147.000	274.4796	238.1503	278.3431	3.4838	0.3147	0.5287	225.11	0.0941	119.5	48.85	0.6714	3.643	147.000
148.000	276.2974	238.4788	278.8715	3.4873	0.3144	0.5287	225.89	0.0947	120.2	49.49	0.6710	3.619	148.000
149.000	278.4488	238.7798	279.4002	3.4908	0.3144	0.5284	226.68	0.0953	121.0	50.22	0.6709	3.591	149.000
150.000	280.3196	239.0932	279.9284	3.4943	0.3144	0.5282	227.46	0.0959	121.8	50.90	0.6708	3.567	150.000
151.000	282.2158	239.4126	280.4563	3.4978	0.3142	0.5279	228.23	0.0965	122.6	51.59	0.6707	3.543	151.000
152.000	284.0167	239.7643	280.9840	3.5013	0.3142	0.5279	229.00	0.0971	123.4	52.28	0.6709	3.523	152.000
153.000	285.7596	240.0784	281.5120	3.5048	0.3142	0.5277	229.78	0.0977	124.1	52.91	0.6703	3.499	153.000
154.000	287.7364	240.3898	282.0394	3.5081	0.3142	0.5274	230.54	0.0983	124.9	53.63	0.6702	3.475	154.000
155.000	289.7285	240.6969	282.5671	3.5116	0.3139	0.5274	231.31	0.0989	125.7	54.33	0.6704	3.452	155.000
156.000	291.4149	241.0386	283.0943	3.5148	0.3139	0.5272	232.07	0.0995	126.5	55.06	0.6702	3.432	156.000
157.000	293.4648	241.3481	283.6212	3.5183	0.3139	0.5272	232.83	0.1001	127.3	55.72	0.6704	3.408	157.000
158.000	295.1951	241.6767	284.1481	3.5216	0.3139	0.5269	233.58	0.1007	128.0	56.41	0.6698	3.388	158.000
159.000	296.9468	242.0187	284.6748	3.5248	0.3137	0.5267	234.34	0.1013	128.8	57.11	0.6697	3.368	159.000
160.000	299.0746	242.3833	285.2015	3.5281	0.3137	0.5267	235.09	0.1019	129.6	57.86	0.6699	3.344	160.000
161.000	300.8719	242.6323	285.7282	3.5313	0.3137	0.5264	235.84	0.1025	130.4	58.58	0.6697	3.324	161.000
162.000	302.6918	242.9586	286.2546	3.5346	0.3137	0.5264	236.58	0.1031	131.1	59.28	0.6694	3.304	162.000
163.000	304.5322	243.2823	286.7808	3.5378	0.3137	0.5262	237.33	0.1037	131.9	60.02	0.6693	3.284	163.000
164.000	306.3959	243.6035	287.3070	3.5411	0.3134	0.5262	238.07	0.1043	132.7	60.73	0.6695	3.264	164.000
165.000	308.2825	243.9218	287.8329	3.5441	0.3134	0.5259	238.81	0.1049	133.5	61.49	0.6693	3.244	165.000
166.000	310.1926	244.2379	288.3591	3.5474	0.3134	0.5259	239.54	0.1055	134.2	62.22	0.6690	3.224	166.000
167.000	312.1265	244.5509	288.8848	3.5506	0.3134	0.5259	240.28	0.1061	135.0	62.97	0.6692	3.204	167.000
168.000	314.0846	244.8612	289.4105	3.5536	0.3134	0.5257	241.01	0.1067	135.8	63.75	0.6691	3.184	168.000
169.000	315.8689	245.2126	289.9362	3.5566	0.3134	0.5257	241.74	0.1073	136.6	64.43	0.6692	3.168	169.000
170.000	317.8719	245.5177	290.4616	3.5599	0.3132	0.5254	242.46	0.1078	137.3	65.17	0.6692	3.148	170.000
171.000	319.7984	245.8200	290.9870	3.5629	0.3132	0.5254	243.19	0.1084	138.1	65.96	0.6694	3.128	171.000
172.000	321.8428	246.1646	291.5122	3.5659	0.3132	0.5254	243.91	0.1090	138.9	66.66	0.6696	3.112	172.000
173.000	323.4179	246.4617	292.0376	3.5689	0.3132	0.5252	244.63	0.1096	139.6	67.49	0.6689	3.092	173.000

THERMODYNAMIC PROPERTIES OF ARGON

1.1 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
174.000	325.0000	246.8021	282.5628	3.5719	0.3132	0.5252	245.35	0.1102	140.4	68.22	0.6691	3.076	174.000
176.000	326.7956	247.1402	283.0077	3.5749	0.3132	0.5249	246.06	0.1108	141.1	68.98	0.6685	3.060	176.000
178.000	328.9427	247.4290	283.6127	3.5779	0.3132	0.5249	246.77	0.1114	141.9	69.81	0.6687	3.040	178.000
177.000	330.0000	247.7627	284.1376	3.5809	0.3132	0.5249	247.48	0.1120	142.7	70.55	0.6688	3.024	177.000
178.000	332.4375	248.0942	284.6623	3.5839	0.3129	0.5247	248.19	0.1126	143.4	71.34	0.6682	3.008	178.000
179.000	334.6597	248.3747	285.1872	3.5867	0.3129	0.5247	248.90	0.1132	144.2	72.20	0.6684	2.988	179.000
180.000	336.4589	248.7814	285.7119	3.5897	0.3129	0.5247	249.60	0.1137	145.0	72.91	0.6691	2.972	180.000
181.000	338.2776	249.0268	286.2364	3.5924	0.3129	0.5247	250.31	0.1143	145.7	73.69	0.6688	2.956	181.000
182.000	340.1161	249.3488	286.7606	3.5954	0.3129	0.5244	251.01	0.1149	146.5	74.52	0.6687	2.940	182.000
183.000	341.9746	249.6686	287.2852	3.5982	0.3129	0.5244	251.70	0.1155	147.2	75.32	0.6684	2.924	183.000
184.000	343.8536	249.9857	287.8096	3.6012	0.3129	0.5244	252.40	0.1161	148.0	76.12	0.6685	2.908	184.000
185.000	345.7533	250.3012	288.3341	3.6039	0.3129	0.5244	253.09	0.1167	148.7	76.94	0.6682	2.892	185.000
186.000	347.6742	250.6141	288.8582	3.6067	0.3129	0.5242	253.79	0.1173	149.5	77.80	0.6681	2.876	186.000
187.000	349.1269	250.9788	289.3822	3.6094	0.3129	0.5242	254.48	0.1178	150.3	78.46	0.6688	2.864	187.000
188.000	351.9876	251.2878	289.9066	3.6122	0.3129	0.5242	255.16	0.1184	151.0	79.30	0.6685	2.848	188.000
189.000	353.9683	251.5938	290.4305	3.6149	0.3127	0.5242	255.85	0.1190	151.8	80.15	0.6687	2.832	189.000
190.000	355.8715	251.8966	290.9545	3.6177	0.3127	0.5239	256.53	0.1196	152.5	81.05	0.6681	2.816	190.000
191.000	356.5889	252.2536	291.4784	3.6206	0.3127	0.5239	257.22	0.1202	153.3	81.81	0.6682	2.804	191.000
192.000	358.8324	252.5528	292.0023	3.6232	0.3127	0.5239	257.90	0.1207	154.0	82.62	0.6685	2.788	192.000
193.000	360.8905	252.8491	292.5260	3.6260	0.3127	0.5239	258.57	0.1213	154.8	83.51	0.6686	2.772	193.000
194.000	362.2655	253.2668	293.0500	3.6287	0.3127	0.5237	259.25	0.1219	155.5	84.33	0.6680	2.760	194.000
195.000	364.3747	253.4924	293.5736	3.6312	0.3127	0.5237	259.93	0.1225	156.3	85.23	0.6682	2.744	195.000
196.000	365.9728	253.8483	294.0973	3.6340	0.3127	0.5237	260.60	0.1231	157.0	86.03	0.6679	2.732	196.000
197.000	368.1256	254.1272	294.6210	3.6367	0.3127	0.5237	261.27	0.1236	157.7	86.89	0.6682	2.716	197.000
198.000	369.7589	254.4711	295.1444	3.6392	0.3127	0.5237	261.94	0.1242	158.5	87.69	0.6683	2.704	198.000
199.000	371.4827	254.8138	295.6681	3.6420	0.3127	0.5234	262.61	0.1248	159.2	88.55	0.6677	2.692	199.000
200.000	373.6200	255.0931	296.1913	3.6445	0.3127	0.5234	263.27	0.1254	160.0	89.51	0.6679	2.677	200.000
202.000	381.0120	255.3310	297.2424	3.6520	0.3127	0.5234	264.60	0.1265	161.4	92.08	0.6678	2.625	202.000
204.000	385.1161	255.9262	298.2890	3.6570	0.3127	0.5232	265.92	0.1276	162.9	93.93	0.6679	2.597	204.000
206.000	388.7841	256.5779	299.3354	3.6620	0.3127	0.5232	267.23	0.1288	164.4	95.69	0.6678	2.573	206.000
208.000	392.3596	257.2222	300.3817	3.6670	0.3124	0.5232	268.54	0.1299	165.9	97.42	0.6682	2.549	208.000
210.000	396.0046	257.8588	301.4281	3.6720	0.3124	0.5232	269.84	0.1311	167.3	99.25	0.6676	2.525	210.000
212.000	399.8889	258.4871	302.4746	3.6770	0.3124	0.5229	271.13	0.1322	168.8	101.09	0.6677	2.501	212.000
214.000	403.7507	259.1072	303.5198	3.6820	0.3124	0.5229	272.41	0.1333	170.2	102.92	0.6677	2.477	214.000
216.000	407.6961	259.7191	304.5657	3.6868	0.3124	0.5229	273.69	0.1345	171.7	104.86	0.6676	2.453	216.000
218.000	411.6434	260.3965	305.6113	3.6915	0.3124	0.5227	274.97	0.1356	173.1	106.64	0.6672	2.433	218.000
220.000	415.1334	260.9928	306.6566	3.6963	0.3124	0.5227	276.24	0.1367	174.6	108.57	0.6676	2.409	220.000
222.000	418.6844	261.6555	307.7020	3.7011	0.3124	0.5227	277.50	0.1378	176.0	110.36	0.6676	2.389	222.000
224.000	422.8478	262.2342	308.7473	3.7058	0.3124	0.5227	278.75	0.1389	177.5	112.37	0.6679	2.365	224.000
226.000	426.4488	262.8831	309.7924	3.7103	0.3124	0.5227	280.00	0.1401	178.9	114.31	0.6674	2.345	226.000
228.000	430.1124	263.5262	310.8376	3.7148	0.3124	0.5224	281.25	0.1412	180.3	116.25	0.6671	2.325	228.000
230.000	433.8396	264.1683	311.8827	3.7196	0.3124	0.5224	282.49	0.1423	181.7	118.17	0.6671	2.305	230.000
232.000	437.6319	264.7881	312.9276	3.7241	0.3124	0.5224	283.72	0.1434	183.2	120.12	0.6674	2.285	232.000
234.000	441.4911	265.4081	313.9721	3.7283	0.3124	0.5224	284.95	0.1445	184.6	122.11	0.6674	2.265	234.000
236.000	445.4189	266.0289	315.0170	3.7329	0.3124	0.5224	286.17	0.1456	186.0	124.14	0.6674	2.245	236.000

THERMODYNAMIC PROPERTIES OF ARGON

1.1 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
238.000	448.6119	266.7143	316.6616	3.7374	0.3124	0.5222	287.39	0.1467	187.4	126.03	0.6671	2.229	238.000
240.000	452.6688	267.3125	317.1868	3.7416	0.3124	0.5222	288.66	0.1478	188.8	128.13	0.6670	2.209	240.000
242.000	456.7982	267.9020	318.1506	3.7459	0.3124	0.5222	289.88	0.1489	190.2	130.26	0.6670	2.189	242.000
244.000	460.1578	268.5777	319.1949	3.7501	0.3124	0.5222	291.01	0.1499	191.6	132.10	0.6674	2.173	244.000
246.000	463.5656	269.2468	320.2390	3.7544	0.3124	0.5222	292.20	0.1510	193.0	134.05	0.6674	2.157	246.000
248.000	467.8980	269.8146	321.2834	3.7586	0.3122	0.5222	293.39	0.1521	194.4	136.29	0.6674	2.137	248.000
250.000	471.4226	270.4710	322.3275	3.7629	0.3122	0.5222	294.58	0.1532	195.7	138.31	0.6670	2.121	250.000
252.000	476.0000	271.1215	323.3716	3.7669	0.3122	0.5219	295.76	0.1543	197.1	140.43	0.6667	2.105	252.000
254.000	478.6337	271.7657	324.4155	3.7712	0.3122	0.5219	296.94	0.1553	198.5	142.42	0.6671	2.089	254.000
256.000	482.3226	272.4041	325.4596	3.7752	0.3122	0.5219	298.11	0.1564	199.9	144.53	0.6671	2.073	256.000
258.000	486.0668	273.0359	326.5034	3.7792	0.3122	0.5219	299.28	0.1575	201.2	146.68	0.6667	2.057	258.000
260.000	489.8736	273.6612	327.5473	3.7832	0.3122	0.5219	300.44	0.1585	202.6	148.77	0.6671	2.041	260.000
262.000	493.7385	274.2799	328.5912	3.7872	0.3122	0.5219	301.60	0.1596	204.0	150.98	0.6671	2.025	262.000
264.000	497.6649	274.8918	329.6348	3.7912	0.3122	0.5219	302.75	0.1606	205.3	153.13	0.6672	2.009	264.000
266.000	501.6542	275.4964	330.6784	3.7952	0.3122	0.5219	303.90	0.1617	206.7	155.42	0.6672	1.993	266.000
268.000	504.6884	276.2063	331.7220	3.7989	0.3122	0.5219	305.04	0.1627	208.0	157.33	0.6672	1.981	268.000
270.000	508.7915	276.7965	332.7656	3.8027	0.3122	0.5217	306.18	0.1638	209.3	159.75	0.6666	1.965	270.000
272.000	512.9626	277.3831	333.8089	3.8067	0.3122	0.5217	307.32	0.1648	210.7	162.05	0.6670	1.949	272.000
274.000	516.1349	278.0777	334.8525	3.8106	0.3122	0.5217	308.45	0.1659	212.0	164.14	0.6666	1.937	274.000
276.000	520.4271	278.6489	335.8959	3.8142	0.3122	0.5217	309.58	0.1669	213.4	166.58	0.6670	1.921	276.000
278.000	523.6934	279.3338	336.9392	3.8180	0.3122	0.5217	310.70	0.1680	214.7	168.65	0.6667	1.910	278.000
280.000	527.8809	280.0125	337.9826	3.8217	0.3122	0.5217	311.82	0.1690	216.0	170.72	0.6668	1.898	280.000
282.000	531.4765	280.5836	339.0260	3.8255	0.3122	0.5217	312.93	0.1700	217.3	173.19	0.6668	1.882	282.000
284.000	534.8834	281.2319	340.0691	3.8290	0.3122	0.5217	314.05	0.1711	218.6	175.43	0.6665	1.870	284.000
286.000	538.3342	281.8957	341.1124	3.8327	0.3122	0.5217	315.15	0.1721	220.0	177.59	0.6669	1.858	286.000
288.000	543.8652	282.4249	342.1555	3.8362	0.3122	0.5217	316.26	0.1731	221.3	180.18	0.6669	1.842	288.000
290.000	546.5821	283.0768	343.1986	3.8400	0.3122	0.5217	317.36	0.1741	222.6	182.46	0.6670	1.830	290.000
292.000	550.1658	283.7235	344.2417	3.8435	0.3122	0.5214	318.45	0.1751	223.9	184.75	0.6667	1.818	292.000
294.000	553.8173	284.3649	345.2849	3.8470	0.3122	0.5214	319.54	0.1761	225.2	187.04	0.6668	1.806	294.000
296.000	557.5176	285.0008	346.3277	3.8505	0.3122	0.5214	320.63	0.1772	226.5	189.46	0.6665	1.794	296.000
298.000	561.2678	285.6313	347.3708	3.8540	0.3122	0.5214	321.71	0.1782	227.8	191.82	0.6666	1.782	298.000
300.000	565.0687	286.2561	348.4137	3.8575	0.3122	0.5214	322.79	0.1792	229.0	194.20	0.6663	1.770	300.000
302.000	568.9214	286.8754	349.4568	3.8610	0.3122	0.5214	323.87	0.1802	230.3	196.61	0.6664	1.758	302.000
304.000	572.8271	287.4896	350.4996	3.8643	0.3122	0.5214	324.94	0.1812	231.6	199.06	0.6665	1.746	304.000
306.000	576.4668	288.2418	351.5425	3.8678	0.3122	0.5214	326.01	0.1822	232.9	201.08	0.6665	1.738	306.000
308.000	579.4578	288.8451	352.5854	3.8710	0.3122	0.5214	327.08	0.1832	234.2	203.59	0.6666	1.726	308.000
310.000	583.5892	289.4428	353.6280	3.8745	0.3122	0.5214	328.14	0.1842	235.4	206.13	0.6664	1.714	310.000
312.000	587.6184	290.0328	354.6708	3.8778	0.3122	0.5214	329.20	0.1852	236.7	208.71	0.6664	1.702	312.000
314.000	590.3902	290.7785	355.7134	3.8810	0.3122	0.5214	330.26	0.1861	238.0	210.71	0.6668	1.694	314.000
316.000	594.5972	291.3586	356.7563	3.8843	0.3122	0.5214	331.31	0.1871	239.2	213.35	0.6666	1.682	316.000
318.000	598.8647	291.9237	357.7989	3.8878	0.3122	0.5214	332.36	0.1881	240.5	216.03	0.6667	1.670	318.000
320.000	601.7438	292.6497	358.8415	3.8911	0.3122	0.5214	333.40	0.1891	241.7	218.23	0.6665	1.662	320.000
322.000	606.1149	293.2115	359.8841	3.8941	0.3122	0.5214	334.44	0.1901	243.0	220.97	0.6665	1.650	322.000
324.000	609.8643	293.9296	360.9267	3.8973	0.3122	0.5212	335.48	0.1910	244.2	223.21	0.6663	1.642	324.000
326.000	613.5427	294.4796	361.9693	3.9006	0.3122	0.5212	336.52	0.1920	245.5	226.03	0.6664	1.630	326.000

THERMODYNAMIC PROPERTIES OF ARGON

1.1 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
328.000	616.5651	296.1898	363.0119	3.9038	0.3122	0.5212	337.55	0.1930	246.7	228.32	0.6662	1.622	328.000
330.000	621.1549	296.7275	364.0545	3.9068	0.3122	0.5212	338.58	0.1939	247.9	231.10	0.6663	1.610	330.000
332.000	624.2529	296.4298	365.0969	3.9101	0.3122	0.5212	339.60	0.1949	249.2	233.45	0.6664	1.602	332.000
334.000	627.3828	297.1274	366.1395	3.9131	0.3122	0.5212	340.63	0.1959	250.4	235.82	0.6662	1.594	334.000
336.000	632.1349	297.6478	367.1818	3.9163	0.3122	0.5212	341.65	0.1968	251.6	238.70	0.6663	1.582	336.000
338.000	635.3438	298.3364	368.2242	3.9193	0.3122	0.5212	342.66	0.1978	252.8	241.13	0.6661	1.574	338.000
340.000	638.5853	299.0224	369.2668	3.9223	0.3122	0.5212	343.68	0.1987	254.1	243.46	0.6665	1.566	340.000
342.000	643.5101	299.5236	370.3091	3.9254	0.3122	0.5212	344.69	0.1997	255.3	246.57	0.6663	1.554	342.000
344.000	646.8358	300.1996	371.3515	3.9284	0.3122	0.5212	345.70	0.2006	256.5	248.97	0.6664	1.546	344.000
346.000	650.1959	300.8723	372.3938	3.9314	0.3122	0.5212	346.70	0.2016	257.7	251.51	0.6662	1.538	346.000
348.000	653.5912	301.5412	373.4362	3.9344	0.3122	0.5212	347.70	0.2025	258.9	253.95	0.6663	1.530	348.000
350.000	657.0221	302.2069	374.4783	3.9374	0.3122	0.5212	348.70	0.2035	260.1	256.54	0.6661	1.522	350.000
352.000	662.2366	302.6746	375.5207	3.9404	0.3122	0.5212	349.70	0.2044	261.3	259.72	0.6663	1.510	352.000
354.000	665.7592	303.3295	376.5630	3.9431	0.3122	0.5212	350.69	0.2054	262.5	262.38	0.6661	1.502	354.000
356.000	669.3193	303.9866	377.6051	3.9461	0.3122	0.5212	351.68	0.2063	263.7	264.94	0.6662	1.494	356.000
358.000	672.9178	304.6265	378.6475	3.9491	0.3122	0.5212	352.67	0.2072	264.9	267.53	0.6663	1.486	358.000
360.000	676.5552	305.2685	379.6896	3.9519	0.3122	0.5212	353.65	0.2082	266.1	270.27	0.6661	1.478	360.000
362.000	680.2321	305.9064	380.7319	3.9549	0.3122	0.5212	354.63	0.2091	267.3	272.91	0.6662	1.470	362.000
364.000	683.9492	306.5396	381.7740	3.9578	0.3122	0.5212	355.61	0.2100	268.4	275.59	0.6661	1.462	364.000
366.000	687.7072	307.1684	382.8162	3.9604	0.3122	0.5212	356.59	0.2109	269.6	278.29	0.6662	1.454	366.000
368.000	691.5067	307.7925	383.8582	3.9634	0.3122	0.5212	357.56	0.2119	270.8	281.15	0.6660	1.446	368.000
370.000	695.3484	308.4120	384.9004	3.9662	0.3122	0.5212	358.53	0.2128	272.0	283.92	0.6662	1.438	370.000
372.000	699.2331	309.0270	385.9427	3.9689	0.3122	0.5212	359.50	0.2137	273.1	286.71	0.6660	1.430	372.000
374.000	703.1617	309.6537	386.9848	3.9717	0.3122	0.5212	360.47	0.2146	274.3	288.72	0.6662	1.426	374.000
376.000	706.1420	310.4613	388.0269	3.9744	0.3122	0.5209	361.43	0.2155	275.5	291.71	0.6660	1.418	376.000
378.000	709.1371	311.0637	389.0688	3.9772	0.3122	0.5209	362.39	0.2164	276.6	294.58	0.6658	1.410	378.000
380.000	713.1779	311.6613	390.1109	3.9799	0.3122	0.5209	363.35	0.2173	277.8	297.58	0.6660	1.402	380.000
382.000	717.2649	312.2538	391.1530	3.9827	0.3122	0.5209	364.30	0.2182	279.0	300.44	0.6661	1.394	382.000
384.000	721.3990	312.8412	392.1951	3.9854	0.3122	0.5209	365.26	0.2191	280.1	303.42	0.6660	1.386	384.000
386.000	725.4809	313.6537	393.2369	3.9879	0.3122	0.5209	366.21	0.2200	281.3	305.54	0.6661	1.382	386.000
388.000	727.6982	314.2331	394.2791	3.9907	0.3122	0.5209	367.16	0.2209	282.4	308.58	0.6660	1.374	388.000
390.000	731.9457	314.8069	395.3209	3.9934	0.3122	0.5209	368.10	0.2218	283.6	311.65	0.6661	1.366	390.000
392.000	736.2512	315.3754	396.3630	3.9959	0.3122	0.5209	369.04	0.2227	284.7	314.75	0.6660	1.358	392.000
394.000	738.4231	316.1783	397.4049	3.9987	0.3122	0.5209	369.99	0.2236	285.8	316.96	0.6658	1.354	394.000
396.000	742.8054	316.7384	398.4470	4.0012	0.3122	0.5209	370.92	0.2245	287.0	320.12	0.6660	1.346	396.000
398.000	747.2401	317.2924	399.4888	4.0040	0.3122	0.5209	371.86	0.2254	288.1	323.32	0.6658	1.338	398.000
400.000	749.4774	318.0882	400.5307	4.0065	0.3122	0.5209	372.79	0.2263	289.2	326.59	0.6657	1.334	400.000

THERMODYNAMIC PROPERTIES OF ARGON

1.2 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
86.000	0.7138	72.1700	72.2557	1.3420	0.9044	1.3115	599.26	1.3040	2696.7	0.71	2.7121	1400.960	86.000
87.000	0.7169	73.4670	73.5539	1.3570	0.8641	1.2837	607.02	1.2960	2616.8	0.72	2.6121	1394.816	87.000
88.000	0.7201	74.7579	74.8243	1.3715	0.8276	1.2601	613.88	1.2685	2540.6	0.72	2.5239	1388.644	88.000
• 88.910	0.7231	75.8755	75.9622	1.3843	0.7983	1.2424	619.35	1.2531	2474.1	0.73	2.4529	1383.812	88.910
• 88.910	148.3850	218.7985	236.5147	3.1904	0.3429	0.5903	171.50	0.0599	73.9	15.06	0.7282	6.739	88.910
89.000	148.4730	218.7513	236.6000	3.1909	0.3427	0.5900	171.60	0.0600	73.9	15.10	0.7267	6.736	89.000
90.000	150.3456	219.1141	237.1555	3.1974	0.3412	0.5865	172.73	0.0605	74.7	15.51	0.7242	6.661	90.000
91.000	152.1735	219.4797	237.7405	3.2039	0.3397	0.5835	173.84	0.0611	75.5	15.93	0.7210	6.571	91.000
92.000	154.0464	219.8367	238.3223	3.2102	0.3384	0.5805	174.95	0.0617	76.3	16.37	0.7179	6.492	92.000
93.000	155.9666	220.1854	238.9013	3.2164	0.3369	0.5775	176.04	0.0622	77.0	16.80	0.7149	6.412	93.000
94.000	157.7356	220.5494	239.4776	3.2227	0.3357	0.5750	177.12	0.0628	77.8	17.23	0.7123	6.340	94.000
95.000	159.6463	220.8932	240.0588	3.2287	0.3347	0.5725	178.19	0.0634	78.6	17.68	0.7097	6.264	95.000
96.000	161.5003	221.2428	240.6221	3.2347	0.3334	0.5702	179.26	0.0639	79.4	18.10	0.7086	6.192	96.000
97.000	163.2912	221.5956	241.1985	3.2405	0.3324	0.5680	180.31	0.0645	80.1	18.54	0.7054	6.124	97.000
98.000	165.1223	221.9431	241.7578	3.2462	0.3314	0.5660	181.35	0.0651	80.9	18.99	0.7034	6.056	98.000
99.000	166.9949	222.2829	242.3223	3.2520	0.3307	0.5640	182.39	0.0656	81.7	19.42	0.7024	5.988	99.000
100.000	168.7966	222.6297	242.8853	3.2577	0.3297	0.5622	183.41	0.0662	82.5	19.87	0.7007	5.924	100.000
101.000	170.5214	222.9837	243.4462	3.2632	0.3289	0.5606	184.43	0.0668	83.3	20.32	0.6989	5.864	101.000
102.000	172.4864	223.3176	244.0057	3.2687	0.3282	0.5587	185.44	0.0674	84.0	20.80	0.6963	5.800	102.000
103.000	174.2660	223.6597	244.5637	3.2740	0.3274	0.5572	186.44	0.0679	84.8	21.23	0.6959	5.741	103.000
104.000	176.0376	223.9954	245.1199	3.2795	0.3267	0.5557	187.43	0.0685	85.6	21.70	0.6945	5.681	104.000
105.000	177.7879	224.3486	245.6751	3.2848	0.3262	0.5545	188.42	0.0691	86.4	22.16	0.6933	5.625	105.000
106.000	179.5735	224.6795	246.2283	3.2900	0.3254	0.5530	189.40	0.0697	87.2	22.63	0.6918	5.569	106.000
107.000	181.3952	225.0134	246.7808	3.2953	0.3249	0.5517	190.37	0.0703	88.0	23.11	0.6906	5.513	107.000
108.000	183.1283	225.3576	247.3328	3.3003	0.3244	0.5507	191.33	0.0709	88.7	23.58	0.6890	5.461	108.000
109.000	185.0151	225.6799	247.8817	3.3053	0.3237	0.5496	192.29	0.0714	89.5	24.04	0.6888	5.405	109.000
110.000	186.8186	226.0132	248.4305	3.3103	0.3234	0.5485	193.24	0.0720	90.3	24.52	0.6879	5.353	110.000
111.000	188.4981	226.3584	248.9781	3.3153	0.3229	0.5475	194.19	0.0726	91.1	25.00	0.6870	5.305	111.000
112.000	190.3615	226.6817	249.5251	3.3201	0.3224	0.5466	195.13	0.0732	91.9	25.50	0.6861	5.253	112.000
113.000	192.1147	227.0171	250.0708	3.3251	0.3219	0.5455	196.07	0.0738	92.7	25.99	0.6851	5.205	113.000
114.000	193.9664	227.3477	250.6158	3.3298	0.3214	0.5447	196.99	0.0744	93.5	26.48	0.6845	5.157	114.000
115.000	195.7197	227.6736	251.1600	3.3346	0.3212	0.5437	197.92	0.0750	94.3	27.00	0.6836	5.109	115.000
116.000	197.4175	228.0131	251.7032	3.3391	0.3207	0.5430	198.83	0.0756	95.0	27.49	0.6823	5.065	116.000
117.000	199.1451	228.3482	252.2457	3.3438	0.3204	0.5422	199.74	0.0762	95.8	27.99	0.6817	5.021	117.000
118.000	200.9032	228.6792	252.7876	3.3484	0.3202	0.5415	200.65	0.0768	96.6	28.50	0.6810	4.978	118.000
119.000	202.6927	229.0052	253.3283	3.3529	0.3197	0.5407	201.55	0.0774	97.4	29.01	0.6804	4.934	119.000
120.000	204.5142	229.3271	253.8688	3.3574	0.3194	0.5402	202.45	0.0780	98.2	29.53	0.6801	4.890	120.000
121.000	206.1989	229.6646	254.4085	3.3619	0.3192	0.5395	203.34	0.0786	99.0	30.04	0.6795	4.850	121.000
122.000	208.0843	229.9776	254.9477	3.3664	0.3189	0.5390	204.23	0.0792	99.8	30.58	0.6791	4.806	122.000
123.000	209.8285	230.3065	255.4859	3.3706	0.3187	0.5382	205.11	0.0798	100.6	31.11	0.6785	4.766	123.000
124.000	211.6022	230.6318	256.0241	3.3751	0.3184	0.5377	205.98	0.0804	101.4	31.64	0.6781	4.726	124.000
125.000	213.2244	230.9743	256.5613	3.3794	0.3182	0.5372	206.86	0.0810	102.2	32.15	0.6778	4.690	125.000
126.000	215.0662	231.2915	257.0982	3.3836	0.3179	0.5367	207.72	0.0816	102.9	32.70	0.6768	4.650	126.000
127.000	216.7328	231.6268	257.6347	3.3879	0.3177	0.5362	208.59	0.0822	103.7	33.23	0.6764	4.614	127.000
128.000	218.6248	231.9354	258.1703	3.3922	0.3174	0.5357	209.45	0.0828	104.5	33.79	0.6761	4.574	128.000

THERMODYNAMIC PROPERTIES OF ARGON

1.2 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
129.000	226.3569	232.2636	259.7658	3.3962	0.3172	0.5352	210.36	0.0834	105.3	34.34	0.6757	4.538	129.000
130.000	222.1166	232.5868	259.2498	3.4004	0.3172	0.5349	211.15	0.0840	106.1	34.88	0.6757	4.502	130.000
131.000	223.7046	232.9309	259.7755	3.4044	0.3169	0.5344	212.00	0.0846	106.9	35.41	0.6753	4.470	131.000
132.000	225.5184	233.2474	260.3096	3.4084	0.3167	0.5339	212.84	0.0852	107.7	35.99	0.6750	4.434	132.000
133.000	227.3619	233.5599	260.8433	3.4124	0.3167	0.5337	213.68	0.0858	108.5	36.55	0.6749	4.398	133.000
134.000	229.0260	233.8937	261.3768	3.4164	0.3164	0.5332	214.52	0.0864	109.3	37.11	0.6745	4.366	134.000
135.000	230.7147	234.2239	261.9097	3.4204	0.3162	0.5329	215.35	0.0870	110.1	37.66	0.6744	4.334	135.000
136.000	232.4285	234.5510	262.4424	3.4242	0.3162	0.5327	216.17	0.0876	110.8	38.22	0.6738	4.302	136.000
137.000	234.1678	234.8744	262.9748	3.4282	0.3159	0.5322	217.00	0.0882	111.6	38.81	0.6734	4.270	137.000
138.000	235.9335	235.1948	263.5068	3.4320	0.3159	0.5319	217.82	0.0888	112.4	39.39	0.6733	4.238	138.000
139.000	237.7266	235.5114	264.0385	3.4357	0.3157	0.5317	218.63	0.0894	113.2	39.97	0.6732	4.207	139.000
140.000	239.5469	235.8244	264.5699	3.4397	0.3157	0.5314	219.45	0.0900	114.0	40.57	0.6732	4.175	140.000
141.000	241.1613	236.1617	265.1011	3.4435	0.3154	0.5309	220.26	0.0906	114.8	41.15	0.6728	4.147	141.000
142.000	243.0344	236.4679	265.6320	3.4472	0.3154	0.5307	221.06	0.0912	115.6	41.77	0.6727	4.115	142.000
143.000	244.6974	236.7901	266.1628	3.4507	0.3152	0.5304	221.87	0.0918	116.3	42.36	0.6726	4.087	143.000
144.000	246.3833	237.1269	266.6929	3.4545	0.3152	0.5302	222.67	0.0924	117.1	42.94	0.6719	4.059	144.000
145.000	248.0926	237.4518	267.2229	3.4582	0.3149	0.5299	223.46	0.0930	117.9	43.54	0.6718	4.031	145.000
146.000	249.8258	237.7737	267.7528	3.4618	0.3149	0.5297	224.25	0.0936	118.7	44.15	0.6717	4.003	146.000
147.000	251.5833	238.0925	268.2825	3.4655	0.3149	0.5297	225.04	0.0942	119.5	44.74	0.6720	3.975	147.000
148.000	253.3656	238.4081	268.8120	3.4690	0.3147	0.5294	225.83	0.0948	120.3	45.37	0.6719	3.947	148.000
149.000	255.1737	238.7200	269.3409	3.4725	0.3147	0.5292	226.61	0.0954	121.1	46.00	0.6717	3.919	149.000
150.000	256.7448	239.0668	269.8701	3.4760	0.3144	0.5289	227.40	0.0960	121.8	46.60	0.6711	3.895	150.000
151.000	258.6060	239.3667	270.3987	3.4795	0.3144	0.5287	228.17	0.0966	122.6	47.25	0.6710	3.867	151.000
152.000	260.2136	239.7018	270.9274	3.4830	0.3144	0.5284	228.95	0.0972	123.4	47.86	0.6709	3.843	152.000
153.000	262.1209	240.0014	271.4559	3.4865	0.3144	0.5284	229.72	0.0978	124.2	48.51	0.6711	3.815	153.000
154.000	263.7781	240.3367	271.9841	3.4898	0.3142	0.5282	230.49	0.0984	125.0	49.14	0.6710	3.791	154.000
155.000	265.4565	240.6572	272.5120	3.4933	0.3142	0.5279	231.26	0.0990	125.7	49.78	0.6703	3.767	155.000
156.000	267.1563	240.9812	273.0399	3.4965	0.3142	0.5279	232.02	0.0996	126.5	50.40	0.6705	3.743	156.000
157.000	268.8780	241.3023	273.5676	3.5001	0.3139	0.5277	232.78	0.1002	127.3	51.06	0.6704	3.719	157.000
158.000	270.6221	241.6264	274.0951	3.5033	0.3139	0.5274	233.54	0.1008	128.1	51.72	0.6703	3.695	158.000
159.000	272.3889	241.9358	274.6225	3.5066	0.3139	0.5274	234.29	0.1014	128.9	52.37	0.6705	3.671	159.000
160.000	274.1790	242.2486	275.1499	3.5098	0.3139	0.5272	235.04	0.1020	129.6	53.05	0.6698	3.647	160.000
161.000	275.8888	242.5942	275.6769	3.5131	0.3139	0.5272	235.79	0.1026	130.4	53.66	0.6700	3.627	161.000
162.000	277.5226	242.9013	276.2048	3.5163	0.3137	0.5269	236.54	0.1032	131.2	54.36	0.6699	3.603	162.000
163.000	279.3811	243.2050	276.7307	3.5196	0.3137	0.5269	237.29	0.1038	132.0	55.03	0.6701	3.579	163.000
164.000	280.9489	243.5435	277.2574	3.5228	0.3137	0.5267	238.03	0.1044	132.7	55.69	0.6695	3.559	164.000
165.000	282.6343	243.8866	277.7841	3.5261	0.3137	0.5267	238.77	0.1050	133.5	56.33	0.6696	3.539	165.000
166.000	284.4607	244.1753	278.3105	3.5291	0.3137	0.5264	239.51	0.1056	134.3	57.00	0.6695	3.515	166.000
167.000	286.0862	244.5064	278.8367	3.5323	0.3134	0.5264	240.24	0.1062	135.0	57.71	0.6692	3.495	167.000
168.000	287.7384	244.8356	279.3632	3.5356	0.3134	0.5262	240.97	0.1068	135.8	58.40	0.6691	3.475	168.000
169.000	289.3936	245.1619	279.8891	3.5386	0.3134	0.5262	241.70	0.1073	136.6	59.01	0.6699	3.456	169.000
170.000	291.4149	245.4452	280.4156	3.5416	0.3134	0.5259	242.43	0.1079	137.3	59.79	0.6692	3.432	170.000
171.000	293.1211	245.7664	280.9418	3.5449	0.3134	0.5259	243.15	0.1085	138.1	60.47	0.6694	3.412	171.000
172.000	294.8474	246.0852	281.4669	3.5479	0.3134	0.5257	243.88	0.1091	138.9	61.19	0.6693	3.392	172.000
173.000	296.2431	246.4434	281.9926	3.5509	0.3132	0.5257	244.60	0.1097	139.7	61.82	0.6694	3.376	173.000

THERMODYNAMIC PROPERTIES OF ARGON

1.2 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
174.000	298.0065	246.7575	282.5182	3.5539	0.3132	0.5257	245.32	0.1103	140.4	62.53	0.6691	3.356	174.000
176.000	299.7918	247.0688	283.8437	3.5569	0.3132	0.5254	246.03	0.1109	141.2	63.28	0.6690	3.336	176.000
176.000	301.5969	247.3772	283.5689	3.5599	0.3132	0.5254	246.75	0.1115	141.9	64.00	0.6687	3.316	176.000
177.000	303.4247	247.6833	284.8948	3.5626	0.3132	0.5252	247.46	0.1121	142.7	64.77	0.6686	3.296	177.000
178.000	304.9031	248.0311	284.6196	3.5656	0.3132	0.5252	248.17	0.1127	143.5	65.43	0.6687	3.286	178.000
179.000	306.7714	248.3321	285.1447	3.5686	0.3132	0.5252	248.87	0.1132	144.2	66.12	0.6690	3.268	179.000
180.000	308.2825	248.6759	285.6699	3.5716	0.3132	0.5249	249.58	0.1138	145.0	66.83	0.6689	3.244	180.000
181.000	310.1926	248.9717	286.1948	3.5744	0.3129	0.5249	250.28	0.1144	145.7	67.58	0.6686	3.224	181.000
182.000	311.7378	249.3189	286.7195	3.5774	0.3129	0.5249	250.98	0.1150	146.5	68.29	0.6687	3.208	182.000
183.000	313.6910	249.6615	287.2444	3.5802	0.3129	0.5249	251.68	0.1156	147.3	69.08	0.6689	3.188	183.000
184.000	315.2713	249.9385	287.7691	3.5829	0.3129	0.5247	252.38	0.1162	148.0	69.82	0.6683	3.172	184.000
185.000	316.8676	250.2697	288.2938	3.5859	0.3129	0.5247	253.07	0.1168	148.8	70.54	0.6684	3.156	185.000
186.000	318.4802	250.6008	288.8185	3.5887	0.3129	0.5247	253.77	0.1173	149.5	71.20	0.6687	3.140	186.000
187.000	320.5191	250.8886	289.3429	3.5914	0.3129	0.5244	254.46	0.1179	150.3	72.06	0.6686	3.120	187.000
188.000	322.1692	251.2078	289.8673	3.5942	0.3129	0.5244	255.14	0.1185	151.0	72.88	0.6683	3.104	188.000
189.000	323.8363	251.5314	290.3918	3.5969	0.3129	0.5244	255.83	0.1191	151.8	73.54	0.6684	3.088	189.000
190.000	325.5207	251.8534	290.9159	3.5997	0.3129	0.5244	256.52	0.1197	152.5	74.30	0.6681	3.072	190.000
191.000	327.2228	252.1736	291.4404	3.6024	0.3129	0.5242	257.20	0.1202	153.3	75.04	0.6685	3.056	191.000
192.000	328.9427	252.4914	291.9645	3.6052	0.3127	0.5242	257.88	0.1208	154.0	75.81	0.6682	3.040	192.000
193.000	330.6809	252.8078	292.4887	3.6079	0.3127	0.5242	258.56	0.1214	154.8	76.59	0.6684	3.024	193.000
194.000	332.4375	253.1284	293.0129	3.6107	0.3127	0.5242	259.24	0.1220	155.5	77.37	0.6681	3.008	194.000
195.000	334.2129	253.4313	293.5368	3.6132	0.3127	0.5239	259.91	0.1226	156.3	78.21	0.6679	2.992	195.000
196.000	335.5569	253.7939	294.0609	3.6160	0.3127	0.5239	260.58	0.1231	157.0	78.84	0.6682	2.980	196.000
197.000	337.3658	254.1068	294.5847	3.6185	0.3127	0.5239	261.26	0.1237	157.8	79.65	0.6684	2.964	197.000
198.000	339.1944	254.4053	295.1086	3.6212	0.3127	0.5239	261.93	0.1243	158.5	80.47	0.6681	2.948	198.000
199.000	341.0428	254.7072	295.6323	3.6237	0.3127	0.5239	262.59	0.1249	159.3	81.30	0.6682	2.932	199.000
200.000	342.4424	255.0029	296.1560	3.6265	0.3127	0.5237	263.26	0.1254	160.0	82.00	0.6682	2.920	200.000
202.000	349.1289	255.3121	297.2076	3.6337	0.3127	0.5237	264.59	0.1266	161.5	84.48	0.6686	2.864	202.000
204.000	352.5718	255.9462	298.2547	3.6387	0.3127	0.5237	265.91	0.1277	162.9	85.97	0.6686	2.836	204.000
206.000	356.0617	256.5726	299.3018	3.6440	0.3127	0.5234	267.22	0.1289	164.4	87.69	0.6676	2.808	206.000
208.000	359.6038	257.1891	300.3487	3.6490	0.3127	0.5234	268.53	0.1300	165.9	89.33	0.6680	2.780	208.000
210.000	363.2178	257.7972	301.3953	3.6540	0.3124	0.5234	269.83	0.1311	167.3	91.00	0.6680	2.752	210.000
212.000	366.5987	258.4609	302.4419	3.6588	0.3124	0.5232	271.12	0.1323	168.8	92.68	0.6676	2.728	212.000
214.000	370.3039	259.0518	303.4883	3.6638	0.3124	0.5232	272.41	0.1334	170.3	94.42	0.6679	2.700	214.000
216.000	373.8266	259.7000	304.5344	3.6685	0.3124	0.5232	273.69	0.1345	171.7	96.05	0.6679	2.677	216.000
218.000	376.9961	260.3418	305.5805	3.6733	0.3124	0.5229	274.97	0.1356	173.2	97.76	0.6679	2.653	218.000
220.000	380.4338	260.9743	306.6264	3.6780	0.3124	0.5229	276.23	0.1368	174.6	99.52	0.6674	2.629	220.000
222.000	383.9347	261.6066	307.6722	3.6828	0.3124	0.5229	277.50	0.1379	176.0	101.25	0.6674	2.605	222.000
224.000	387.5007	262.2186	308.7181	3.6875	0.3124	0.5229	278.75	0.1390	177.5	103.00	0.6678	2.581	224.000
226.000	390.5233	262.9066	309.7634	3.6920	0.3124	0.5227	280.00	0.1401	178.9	104.68	0.6674	2.561	226.000
228.000	394.2133	263.5034	310.8091	3.6968	0.3124	0.5227	281.26	0.1412	180.3	106.50	0.6674	2.537	228.000
230.000	397.9737	264.0976	311.8544	3.7013	0.3124	0.5227	282.49	0.1423	181.8	108.35	0.6678	2.513	230.000
232.000	401.1626	264.7000	312.8995	3.7058	0.3124	0.5227	283.72	0.1434	183.2	110.06	0.6677	2.493	232.000
234.000	404.4038	265.4165	313.9449	3.7103	0.3124	0.5227	284.95	0.1445	184.6	111.88	0.6677	2.473	234.000
236.000	408.3612	265.9866	314.9900	3.7148	0.3124	0.5224	286.17	0.1456	186.0	113.81	0.6674	2.449	236.000

THERMODYNAMIC PROPERTIES OF ARGON

1.2 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
238.000	411.7196	266.6285	316.8348	3.7191	0.3124	0.5224	287.39	0.1467	187.4	115.61	0.6674	2.429	238.000
240.000	415.1334	267.2637	317.8797	3.7233	0.3124	0.5224	288.68	0.1478	188.8	117.45	0.6674	2.409	240.000
242.000	418.6644	267.8921	318.1246	3.7278	0.3124	0.5224	289.81	0.1489	190.2	119.31	0.6673	2.389	242.000
244.000	422.1339	268.5131	319.1692	3.7321	0.3124	0.5224	291.01	0.1500	191.6	121.20	0.6673	2.369	244.000
246.000	425.6667	269.2137	320.2138	3.7364	0.3124	0.5224	292.21	0.1511	193.0	122.92	0.6673	2.353	246.000
248.000	428.6394	269.8216	321.2584	3.7406	0.3124	0.5222	293.40	0.1522	194.4	124.94	0.6670	2.333	248.000
250.000	432.3418	270.4218	322.3027	3.7446	0.3122	0.5222	294.59	0.1532	195.8	126.84	0.6674	2.313	250.000
252.000	435.3486	271.1065	323.3474	3.7489	0.3122	0.5222	295.77	0.1543	197.1	128.64	0.6670	2.297	252.000
254.000	439.1674	271.6913	324.3914	3.7529	0.3122	0.5222	296.95	0.1554	198.5	130.78	0.6670	2.277	254.000
256.000	442.2711	272.3633	325.4358	3.7571	0.3122	0.5222	298.12	0.1564	199.9	132.47	0.6674	2.261	256.000
258.000	446.2129	272.9343	326.4799	3.7611	0.3122	0.5222	299.29	0.1575	201.3	134.59	0.6674	2.241	258.000
260.000	449.4173	273.5939	327.5240	3.7651	0.3122	0.5222	300.45	0.1586	202.6	136.58	0.6670	2.225	260.000
262.000	452.6686	274.2486	328.5681	3.7692	0.3122	0.5219	301.61	0.1596	204.0	138.42	0.6671	2.209	262.000
264.000	455.9662	274.8963	329.6122	3.7729	0.3122	0.5219	302.76	0.1607	205.3	140.39	0.6668	2.193	264.000
266.000	459.3127	275.5386	330.6561	3.7769	0.3122	0.5219	303.91	0.1617	206.7	142.38	0.6672	2.177	266.000
268.000	462.7087	276.1749	331.7000	3.7809	0.3122	0.5219	305.06	0.1628	208.0	144.33	0.6668	2.161	268.000
270.000	466.1554	276.8051	332.7438	3.7847	0.3122	0.5219	306.20	0.1638	209.4	146.30	0.6672	2.145	270.000
272.000	469.6537	277.4292	333.7877	3.7884	0.3122	0.5219	307.33	0.1649	210.7	148.38	0.6669	2.129	272.000
274.000	473.2050	278.0467	334.8313	3.7924	0.3122	0.5219	308.46	0.1659	212.0	150.41	0.6670	2.113	274.000
276.000	476.8104	278.6579	335.8751	3.7962	0.3122	0.5219	309.59	0.1670	213.4	152.56	0.6669	2.097	276.000
278.000	480.4711	279.2622	336.9187	3.7999	0.3122	0.5219	310.72	0.1680	214.7	154.66	0.6670	2.081	278.000
280.000	483.2637	279.9716	337.9621	3.8037	0.3122	0.5217	311.84	0.1690	216.0	156.65	0.6668	2.069	280.000
282.000	487.0145	280.5639	339.0057	3.8072	0.3122	0.5217	312.95	0.1701	217.3	158.80	0.6664	2.053	282.000
284.000	490.8342	281.1492	340.0493	3.8110	0.3122	0.5217	314.06	0.1711	218.7	160.98	0.6668	2.037	284.000
286.000	493.7386	281.8440	341.0927	3.8147	0.3122	0.5217	315.17	0.1721	220.0	162.88	0.6669	2.025	286.000
288.000	497.6649	282.4162	342.1360	3.8182	0.3122	0.5217	316.27	0.1731	221.3	165.13	0.6669	2.009	288.000
290.000	500.6588	283.1013	343.1794	3.8217	0.3122	0.5217	317.37	0.1742	222.6	167.18	0.6666	1.997	290.000
292.000	504.6884	283.6681	344.2227	3.8255	0.3122	0.5217	318.47	0.1752	223.9	169.49	0.6667	1.981	292.000
294.000	507.7595	284.3347	345.2658	3.8290	0.3122	0.5217	319.56	0.1762	225.2	171.56	0.6668	1.969	294.000
296.000	510.8683	285.0050	346.3092	3.8325	0.3122	0.5217	320.65	0.1772	226.5	173.53	0.6668	1.957	296.000
298.000	514.0153	285.6707	347.3525	3.8360	0.3122	0.5217	321.73	0.1782	227.8	175.58	0.6669	1.945	298.000
300.000	518.2721	286.2838	348.3957	3.8395	0.3122	0.5217	322.81	0.1792	229.1	178.03	0.6669	1.929	300.000
302.000	521.5113	286.8574	349.4388	3.8427	0.3122	0.5217	323.89	0.1802	230.3	180.14	0.6667	1.918	302.000
304.000	524.7913	287.5069	350.4818	3.8462	0.3122	0.5214	324.96	0.1812	231.6	182.37	0.6665	1.906	304.000
306.000	528.1127	288.1512	351.5247	3.8498	0.3122	0.5214	326.03	0.1822	232.9	184.54	0.6665	1.894	306.000
308.000	531.4765	288.7986	352.5678	3.8530	0.3122	0.5214	327.10	0.1832	234.2	186.73	0.6666	1.882	308.000
310.000	534.8834	289.4249	353.6109	3.8565	0.3122	0.5214	328.16	0.1842	235.4	188.95	0.6664	1.870	310.000
312.000	538.3342	290.0537	354.6538	3.8598	0.3122	0.5214	329.22	0.1852	236.7	191.20	0.6664	1.858	312.000
314.000	541.8300	290.6771	355.6967	3.8630	0.3122	0.5214	330.28	0.1862	238.0	193.49	0.6665	1.846	314.000
316.000	545.3713	291.2950	356.7395	3.8663	0.3122	0.5214	331.33	0.1872	239.2	195.80	0.6663	1.834	316.000
318.000	548.9593	291.9072	357.7823	3.8695	0.3122	0.5214	332.38	0.1881	240.5	198.03	0.6667	1.822	318.000
320.000	552.5948	292.5138	358.8252	3.8728	0.3122	0.5214	333.42	0.1891	241.7	200.40	0.6665	1.810	320.000
322.000	556.2783	293.2626	359.8680	3.8760	0.3122	0.5214	334.46	0.1901	243.0	202.36	0.6665	1.802	322.000
324.000	559.7621	293.8595	360.9109	3.8793	0.3122	0.5214	335.50	0.1911	244.2	204.78	0.6663	1.790	324.000
326.000	562.5291	294.4500	361.9535	3.8825	0.3122	0.5214	336.54	0.1920	245.5	207.13	0.6667	1.778	326.000

THERMODYNAMIC PROPERTIES OF ARGON

1.2 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
328.000	566.3472	296.0347	362.9964	3.8858	0.3122	0.5214	337.57	0.1938	246.7	209.63	0.6666	1.766	328.000
330.000	568.9214	296.7684	364.0390	3.8888	0.3122	0.5214	338.66	0.1946	247.9	211.67	0.6663	1.758	330.000
332.000	572.8271	298.3423	365.8616	3.8921	0.3122	0.5214	339.63	0.1949	249.2	214.11	0.6667	1.746	332.000
334.000	575.4666	297.0692	366.1245	3.8951	0.3122	0.5214	340.65	0.1959	250.4	216.28	0.6665	1.738	334.000
336.000	579.4578	297.6322	367.1671	3.8981	0.3122	0.5214	341.67	0.1969	251.6	218.81	0.6663	1.726	336.000
338.000	582.1522	298.3514	368.2097	3.9013	0.3122	0.5212	342.69	0.1978	252.9	220.94	0.6664	1.718	338.000
340.000	586.2422	298.9836	369.2520	3.9043	0.3122	0.5212	343.76	0.1988	254.1	223.62	0.6662	1.706	340.000
342.000	589.0818	299.6145	370.2946	3.9073	0.3122	0.5212	344.71	0.1997	255.3	225.69	0.6663	1.698	342.000
344.000	593.1882	300.1548	371.3372	3.9103	0.3122	0.5212	345.72	0.2007	256.5	228.43	0.6661	1.686	344.000
346.000	596.0129	300.8586	372.3796	3.9133	0.3122	0.5212	346.72	0.2016	257.7	230.55	0.6662	1.678	346.000
348.000	600.1006	301.3861	373.4222	3.9163	0.3122	0.5212	347.73	0.2026	258.9	233.36	0.6660	1.666	348.000
350.000	603.1938	302.0813	374.4645	3.9193	0.3122	0.5212	348.72	0.2035	260.1	235.52	0.6661	1.658	350.000
352.000	606.1149	302.7733	375.5071	3.9223	0.3122	0.5212	349.72	0.2045	261.3	237.83	0.6659	1.650	352.000
354.000	610.5498	303.2835	376.5495	3.9251	0.3122	0.5212	350.71	0.2054	262.5	240.62	0.6661	1.638	354.000
356.000	613.5427	303.9667	377.5919	3.9281	0.3122	0.5212	351.70	0.2063	263.7	242.86	0.6662	1.630	356.000
358.000	616.5651	304.6464	378.6342	3.9311	0.3122	0.5212	352.69	0.2073	264.9	245.24	0.6660	1.622	358.000
360.000	619.6174	305.3225	379.6766	3.9339	0.3122	0.5212	353.68	0.2082	266.1	247.52	0.6661	1.614	360.000
362.000	624.2529	305.8966	380.7189	3.9369	0.3122	0.5212	354.66	0.2091	267.3	250.45	0.6662	1.602	362.000
364.000	627.3828	306.4764	381.7613	3.9398	0.3122	0.5212	355.64	0.2100	268.5	252.79	0.6664	1.594	364.000
366.000	630.5426	307.1385	382.8036	3.9424	0.3122	0.5212	356.61	0.2110	269.6	255.28	0.6659	1.586	366.000
368.000	633.7352	307.7978	383.8460	3.9454	0.3122	0.5212	357.59	0.2119	270.8	257.66	0.6660	1.578	368.000
370.000	636.9604	308.4529	384.8881	3.9481	0.3122	0.5212	358.56	0.2128	272.0	260.07	0.6662	1.570	370.000
372.000	640.2185	309.1042	385.9305	3.9509	0.3122	0.5212	359.53	0.2137	273.2	262.51	0.6663	1.562	372.000
374.000	643.5101	309.7513	386.9726	3.9536	0.3122	0.5212	360.49	0.2146	274.3	264.97	0.6662	1.554	374.000
376.000	646.8358	310.3946	388.0149	3.9564	0.3122	0.5212	361.46	0.2155	275.5	267.46	0.6663	1.546	376.000
378.000	650.1959	311.0335	389.0570	3.9591	0.3122	0.5212	362.42	0.2165	276.7	270.09	0.6661	1.538	378.000
380.000	653.5912	311.6684	390.0994	3.9619	0.3122	0.5212	363.37	0.2174	277.8	272.63	0.6660	1.530	380.000
382.000	657.0221	312.2988	391.1415	3.9647	0.3122	0.5212	364.33	0.2183	279.0	275.20	0.6661	1.522	382.000
384.000	660.4893	312.9248	392.1836	3.9674	0.3122	0.5212	365.28	0.2192	280.1	277.79	0.6660	1.514	384.000
386.000	663.9932	313.5465	393.2257	3.9702	0.3122	0.5212	366.23	0.2201	281.3	280.41	0.6661	1.506	386.000
388.000	667.5345	314.1636	394.2678	3.9727	0.3122	0.5212	367.18	0.2210	282.4	283.06	0.6660	1.498	388.000
390.000	671.1137	314.7762	395.3099	3.9754	0.3122	0.5212	368.13	0.2219	283.6	285.74	0.6661	1.490	390.000
392.000	674.7316	315.3842	396.3520	3.9779	0.3122	0.5209	369.07	0.2228	284.7	288.58	0.6657	1.482	392.000
394.000	678.3887	315.9874	397.3941	3.9807	0.3122	0.5209	370.01	0.2237	285.9	291.32	0.6658	1.474	394.000
396.000	682.0856	316.5859	398.4362	3.9832	0.3122	0.5209	370.95	0.2246	287.0	294.08	0.6657	1.466	396.000
398.000	683.9492	317.4644	399.4783	3.9859	0.3122	0.5209	371.89	0.2254	288.1	295.94	0.6658	1.462	398.000
400.000	687.7872	317.9963	400.5202	3.9884	0.3122	0.5209	372.82	0.2263	289.3	298.75	0.6659	1.454	400.000

THERMODYNAMIC PROPERTIES OF ARGON

1.8 BAR ISOBAR

	TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
	86.000	0.7138	72.1664	72.2592	1.3420	0.9042	1.3115	599.48	1.3841	2697.0	0.71	2.7122	1400.992	86.000
	87.000	0.7169	73.4657	73.5589	1.3570	0.8639	1.2837	607.28	1.2861	2617.2	0.72	2.6123	1394.852	87.000
	88.000	0.7201	74.7644	74.8580	1.3715	0.8276	1.2604	614.14	1.2606	2540.9	0.72	2.5245	1388.688	88.000
	89.000	0.7233	76.0661	76.0602	1.3856	0.7953	1.2406	620.07	1.2516	2467.9	0.73	2.4462	1382.488	89.000
*	89.700	0.7256	76.8614	76.9458	1.3953	0.7745	1.2288	623.78	1.2399	2418.5	0.73	2.3969	1378.094	89.700
*	89.700	137.8444	218.8671	236.7868	3.1774	0.3442	0.5948	172.84	0.0686	74.5	14.66	0.7303	7.255	89.700
	90.000	138.3813	218.9831	236.9023	3.1791	0.3437	0.5928	172.38	0.0688	74.8	14.19	0.7293	7.231	90.000
	91.000	140.0814	219.3425	237.5530	3.1856	0.3422	0.5893	173.51	0.0613	76.5	14.57	0.7258	7.139	91.000
	92.000	141.8275	219.7035	238.1411	3.1921	0.3407	0.5868	174.62	0.0619	76.3	14.98	0.7223	7.051	92.000
	93.000	143.5352	220.0658	238.7253	3.1984	0.3392	0.5838	175.73	0.0624	77.1	15.36	0.7284	6.967	93.000
	94.000	145.2884	220.4305	239.3066	3.2047	0.3379	0.5806	176.82	0.0630	77.9	15.77	0.7172	6.887	94.000
	95.000	146.9969	220.7763	239.8851	3.2107	0.3367	0.5773	177.90	0.0636	78.6	16.20	0.7134	6.803	95.000
	96.000	148.6493	221.1367	240.4611	3.2167	0.3354	0.5747	178.98	0.0641	79.4	16.58	0.7119	6.727	96.000
	97.000	150.3456	221.4894	241.0343	3.2227	0.3342	0.5725	180.04	0.0647	80.2	16.99	0.7096	6.651	97.000
	98.000	152.0811	221.8458	241.6056	3.2284	0.3332	0.5700	181.09	0.0653	81.0	17.42	0.7079	6.575	98.000
	99.000	153.7626	222.1852	242.1743	3.2342	0.3322	0.5680	182.13	0.0658	81.8	17.81	0.7061	6.504	99.000
	100.000	155.4816	222.5284	242.7410	3.2400	0.3312	0.5666	183.17	0.0664	82.5	18.24	0.7032	6.432	100.000
	101.000	157.1409	222.8775	243.3058	3.2457	0.3304	0.5640	184.19	0.0670	83.3	18.67	0.7012	6.364	101.000
	102.000	158.8359	223.2201	243.8688	3.2512	0.3297	0.5622	185.21	0.0676	84.1	19.10	0.6995	6.296	102.000
	103.000	160.4656	223.5698	244.4303	3.2565	0.3287	0.5605	186.21	0.0681	84.9	19.50	0.6987	6.232	103.000
	104.000	162.1279	223.9129	244.9895	3.2620	0.3279	0.5590	187.22	0.0687	85.7	19.93	0.6973	6.168	104.000
	105.000	163.8255	224.2584	245.5477	3.2672	0.3272	0.5575	188.21	0.0693	86.4	20.37	0.6958	6.104	105.000
	106.000	165.4497	224.5959	246.1044	3.2725	0.3267	0.5560	189.19	0.0699	87.2	20.80	0.6936	6.044	106.000
	107.000	167.1064	224.9358	246.6596	3.2778	0.3259	0.5547	190.17	0.0705	88.0	21.24	0.6924	5.984	107.000
	108.000	168.7966	225.2698	247.2134	3.2830	0.3254	0.5532	191.14	0.0710	88.8	21.66	0.6919	5.924	108.000
	109.000	170.5214	225.5981	247.7658	3.2880	0.3249	0.5520	192.11	0.0716	89.6	22.12	0.6907	5.864	109.000
	110.000	172.1633	225.9361	248.3173	3.2930	0.3242	0.5510	193.07	0.0722	90.4	22.56	0.6899	5.808	110.000
	111.000	173.8371	226.2687	248.8675	3.2980	0.3237	0.5497	194.02	0.0728	91.2	23.02	0.6887	5.753	111.000
	112.000	175.4288	226.6118	249.4165	3.3028	0.3232	0.5487	194.96	0.0734	91.9	23.47	0.6878	5.701	112.000
	113.000	177.0336	226.9503	249.9647	3.3078	0.3227	0.5477	195.90	0.0740	92.7	23.92	0.6861	5.649	113.000
	114.000	178.6763	227.2838	250.5117	3.3126	0.3224	0.5467	196.83	0.0746	93.5	24.38	0.6852	5.597	114.000
	115.000	180.3497	227.6126	251.0581	3.3173	0.3219	0.5457	197.76	0.0752	94.3	24.85	0.6843	5.545	115.000
	116.000	182.0549	227.9364	251.6036	3.3221	0.3214	0.5450	198.68	0.0757	95.1	25.29	0.6840	5.493	116.000
	117.000	183.8577	228.2723	252.1478	3.3268	0.3212	0.5442	199.60	0.0763	95.9	25.75	0.6840	5.445	117.000
	118.000	185.2898	228.6037	252.6912	3.3313	0.3207	0.5435	200.51	0.0769	96.7	26.22	0.6834	5.397	118.000
	119.000	186.9495	228.9368	253.2342	3.3358	0.3204	0.5425	201.41	0.0775	97.5	26.71	0.6824	5.349	119.000
	120.000	188.4981	229.2717	253.7764	3.3403	0.3202	0.5420	202.31	0.0781	98.2	27.16	0.6814	5.305	120.000
	121.000	190.2169	229.5897	254.3179	3.3448	0.3197	0.5412	203.21	0.0787	99.0	27.66	0.6808	5.257	121.000
	122.000	191.8263	229.9219	254.8586	3.3494	0.3194	0.5405	204.10	0.0793	99.8	28.15	0.6802	5.213	122.000
	123.000	193.4589	230.2499	255.3985	3.3538	0.3192	0.5400	204.98	0.0799	100.6	28.63	0.6798	5.169	123.000
	124.000	195.1095	230.5737	255.9380	3.3581	0.3189	0.5392	205.86	0.0805	101.4	29.13	0.6792	5.125	124.000
	125.000	196.6421	230.9132	256.4767	3.3624	0.3187	0.5387	206.74	0.0811	102.2	29.60	0.6789	5.085	125.000
	126.000	198.3561	231.2288	257.0151	3.3666	0.3184	0.5382	207.61	0.0817	103.0	30.11	0.6785	5.041	126.000
	127.000	199.9464	231.5605	257.5528	3.3709	0.3182	0.5377	208.48	0.0823	103.8	30.60	0.6782	5.001	127.000
	128.000	201.5503	231.8887	258.0903	3.3751	0.3179	0.5369	209.34	0.0829	104.6	31.12	0.6775	4.962	128.000

THERMODYNAMIC PROPERTIES OF ARGON

1.8 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
129.000	283.1862	232.2127	258.6278	3.3791	0.3177	0.5364	210.20	0.0835	106.4	31.63	0.6771	4.922	129.000
130.000	284.8498	232.5330	259.1634	3.3834	0.3174	0.5362	211.05	0.0841	106.1	32.13	0.6766	4.882	130.000
131.000	286.3689	232.8709	259.6989	3.3874	0.3174	0.5357	211.90	0.0847	106.9	32.63	0.6761	4.846	131.000
132.000	288.0043	233.1833	260.2343	3.3914	0.3172	0.5352	212.74	0.0853	107.7	33.16	0.6757	4.806	132.000
133.000	289.6528	233.5144	260.7692	3.3954	0.3169	0.5347	213.59	0.0859	108.5	33.68	0.6754	4.770	133.000
134.000	211.2451	233.8421	261.3040	3.3994	0.3167	0.5344	214.42	0.0865	109.3	34.19	0.6753	4.734	134.000
135.000	212.8618	234.1659	261.8379	3.4034	0.3167	0.5339	215.26	0.0871	110.1	34.72	0.6749	4.698	135.000
136.000	214.5034	234.4864	262.3718	3.4074	0.3164	0.5337	216.09	0.0877	110.9	35.25	0.6749	4.662	136.000
137.000	216.1705	234.8029	262.9056	3.4112	0.3162	0.5332	216.91	0.0883	111.7	35.80	0.6745	4.626	137.000
138.000	217.8743	235.1403	263.4388	3.4152	0.3162	0.5329	217.74	0.0889	112.5	36.31	0.6744	4.594	138.000
139.000	219.5913	235.4581	263.9709	3.4189	0.3159	0.5327	218.55	0.0895	113.2	36.86	0.6738	4.558	139.000
140.000	220.9404	235.7808	264.5031	3.4227	0.3159	0.5322	219.37	0.0901	114.0	37.41	0.6734	4.526	140.000
141.000	222.5115	236.1088	265.0353	3.4265	0.3157	0.5319	220.18	0.0907	114.8	37.94	0.6733	4.494	141.000
142.000	224.1051	236.4333	265.5670	3.4302	0.3157	0.5317	220.99	0.0913	115.6	38.48	0.6732	4.462	142.000
143.000	225.7218	236.7548	266.0987	3.4340	0.3154	0.5314	221.79	0.0919	116.4	39.03	0.6731	4.430	143.000
144.000	227.3619	237.0726	266.6296	3.4377	0.3154	0.5312	222.60	0.0926	117.2	39.59	0.6730	4.398	144.000
145.000	229.0260	237.3872	267.1606	3.4412	0.3152	0.5309	223.39	0.0931	118.0	40.16	0.6729	4.366	145.000
146.000	230.5022	237.7260	267.6913	3.4450	0.3152	0.5307	224.19	0.0937	118.7	40.76	0.6723	4.338	146.000
147.000	232.2128	238.0343	268.2219	3.4485	0.3149	0.5304	224.98	0.0943	119.5	41.28	0.6722	4.306	147.000
148.000	233.7366	238.3672	268.7521	3.4520	0.3149	0.5302	225.77	0.0949	120.3	41.84	0.6721	4.278	148.000
149.000	235.4896	238.6684	269.2821	3.4557	0.3149	0.5299	226.55	0.0955	121.1	42.44	0.6720	4.246	149.000
150.000	237.0586	238.9952	269.8118	3.4592	0.3147	0.5297	227.34	0.0961	121.9	43.01	0.6719	4.219	150.000
151.000	238.6324	239.3187	270.3409	3.4628	0.3147	0.5294	228.11	0.0967	122.7	43.59	0.6718	4.191	151.000
152.000	240.2355	239.6398	270.8704	3.4663	0.3147	0.5292	228.89	0.0973	123.4	44.17	0.6711	4.163	152.000
153.000	241.8663	239.9577	271.3996	3.4695	0.3144	0.5289	229.66	0.0979	124.2	44.77	0.6710	4.135	153.000
154.000	243.5072	240.2726	271.9285	3.4730	0.3144	0.5289	230.44	0.0985	125.0	45.35	0.6712	4.107	154.000
155.000	244.9368	240.6154	272.4572	3.4765	0.3144	0.5287	231.20	0.0991	125.8	45.91	0.6711	4.083	155.000
156.000	246.6261	240.9242	272.9858	3.4798	0.3142	0.5284	231.97	0.0997	126.6	46.53	0.6710	4.055	156.000
157.000	248.0926	241.2528	273.5140	3.4833	0.3142	0.5284	232.73	0.1003	127.3	47.09	0.6707	4.031	157.000
158.000	249.8258	241.5846	274.0420	3.4865	0.3142	0.5282	233.49	0.1009	128.1	47.72	0.6706	4.003	158.000
159.000	251.3387	241.8972	274.5702	3.4898	0.3142	0.5279	234.25	0.1015	128.9	48.32	0.6705	3.979	159.000
160.000	252.8548	242.2271	275.0981	3.4930	0.3139	0.5279	235.00	0.1021	129.7	48.90	0.6706	3.955	160.000
161.000	254.6546	242.5287	275.6258	3.4963	0.3139	0.5277	235.75	0.1027	130.4	49.56	0.6700	3.927	161.000
162.000	256.2184	242.8448	276.1532	3.4995	0.3139	0.5274	236.50	0.1033	131.2	50.18	0.6699	3.903	162.000
163.000	257.9817	243.1664	276.6807	3.5028	0.3139	0.5274	237.24	0.1039	132.0	50.78	0.6701	3.879	163.000
164.000	259.4846	243.4853	277.2079	3.5061	0.3137	0.5272	237.99	0.1045	132.8	51.42	0.6700	3.855	164.000
165.000	261.0276	243.8015	277.7350	3.5093	0.3137	0.5272	238.73	0.1051	133.5	52.04	0.6696	3.831	165.000
166.000	262.3958	244.1585	278.2620	3.5126	0.3137	0.5269	239.47	0.1057	134.3	52.63	0.6695	3.811	166.000
167.000	264.0564	244.4818	278.7889	3.5158	0.3137	0.5269	240.20	0.1062	135.1	53.22	0.6703	3.787	167.000
168.000	265.7383	244.7696	279.3156	3.5188	0.3137	0.5267	240.94	0.1068	135.8	53.89	0.6697	3.763	168.000
169.000	267.1563	245.1126	279.8423	3.5218	0.3134	0.5267	241.67	0.1074	136.6	54.48	0.6699	3.743	169.000
170.000	268.8788	245.4143	280.3685	3.5248	0.3134	0.5264	242.40	0.1080	137.4	55.16	0.6697	3.719	170.000
171.000	270.3298	245.7523	280.8951	3.5281	0.3134	0.5264	243.12	0.1086	138.1	55.77	0.6694	3.699	171.000
172.000	272.0929	246.0498	281.4211	3.5311	0.3134	0.5262	243.85	0.1092	138.9	56.47	0.6693	3.675	172.000
173.000	273.5797	246.3821	281.9475	3.5341	0.3134	0.5262	244.57	0.1098	139.7	57.09	0.6695	3.655	173.000

THERMODYNAMIC PROPERTIES OF ARGON

1.8 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
174.000	275.3855	246.6733	282.4734	3.5371	0.3134	0.5259	245.29	0.1164	140.4	57.81	0.6689	3.631	174.000
176.000	276.9887	247.8013	282.9994	3.5401	0.3134	0.5259	246.00	0.1116	141.2	58.44	0.6690	3.611	176.000
176.000	278.4488	247.3267	283.5251	3.5431	0.3132	0.5259	246.72	0.1116	142.0	59.09	0.6692	3.591	176.000
177.000	280.0061	247.6582	284.0510	3.5461	0.3132	0.5257	247.43	0.1121	142.7	59.71	0.6692	3.571	177.000
178.000	281.5609	247.9799	284.5764	3.5491	0.3132	0.5257	248.14	0.1127	143.5	60.37	0.6693	3.551	178.000
179.000	283.1736	248.2996	285.1021	3.5519	0.3132	0.5254	248.85	0.1133	144.3	61.06	0.6692	3.531	179.000
180.000	284.7843	248.6056	285.6276	3.5549	0.3132	0.5254	249.55	0.1139	145.0	61.73	0.6689	3.511	180.000
181.000	286.4135	248.9192	286.1530	3.5578	0.3132	0.5254	250.26	0.1145	145.8	62.41	0.6691	3.491	181.000
182.000	288.0615	249.2302	286.6782	3.5606	0.3132	0.5252	250.96	0.1151	146.5	63.13	0.6685	3.471	182.000
183.000	289.3936	249.5822	287.2034	3.5634	0.3132	0.5252	251.66	0.1157	147.3	63.75	0.6686	3.456	183.000
184.000	291.0761	249.8886	287.7285	3.5664	0.3129	0.5252	252.36	0.1162	148.0	64.48	0.6689	3.436	184.000
185.000	292.7783	250.1923	288.2535	3.5691	0.3129	0.5249	253.05	0.1168	148.8	65.14	0.6687	3.416	185.000
186.000	294.1544	250.5383	288.7784	3.5719	0.3129	0.5249	253.75	0.1174	149.6	65.79	0.6689	3.400	186.000
187.000	295.8929	250.8372	289.3033	3.5746	0.3129	0.5249	254.44	0.1180	150.3	66.51	0.6686	3.380	187.000
188.000	297.2986	251.1794	289.8282	3.5777	0.3129	0.5249	255.13	0.1186	151.1	67.17	0.6688	3.364	188.000
189.000	299.0746	251.4732	290.3529	3.5804	0.3129	0.5247	255.81	0.1192	151.8	67.95	0.6682	3.344	189.000
190.000	300.5107	251.8112	290.8776	3.5832	0.3129	0.5247	256.50	0.1197	152.6	68.56	0.6689	3.328	190.000
191.000	301.9867	252.1474	291.4023	3.5859	0.3129	0.5247	257.18	0.1203	153.3	69.23	0.6686	3.312	191.000
192.000	303.7936	252.4836	291.9267	3.5884	0.3129	0.5244	257.86	0.1209	154.1	70.03	0.6684	3.292	192.000
193.000	305.2749	252.7654	292.4512	3.5912	0.3129	0.5244	258.54	0.1215	154.8	70.73	0.6682	3.276	193.000
194.000	306.7714	253.0953	292.9756	3.5939	0.3129	0.5244	259.22	0.1220	155.6	71.37	0.6689	3.260	194.000
195.000	308.2825	253.4233	293.5000	3.5967	0.3127	0.5244	259.90	0.1226	156.3	72.07	0.6686	3.244	195.000
196.000	310.1926	253.6992	294.0242	3.5992	0.3127	0.5242	260.57	0.1232	157.1	72.91	0.6684	3.224	196.000
197.000	311.7378	254.0225	294.5484	3.6019	0.3127	0.5242	261.24	0.1238	157.8	73.63	0.6681	3.208	197.000
198.000	313.2984	254.3438	295.0726	3.6044	0.3127	0.5242	261.91	0.1244	158.5	74.35	0.6679	3.192	198.000
199.000	314.8748	254.6631	295.5968	3.6072	0.3127	0.5242	262.58	0.1249	159.3	75.03	0.6686	3.176	199.000
200.000	316.4670	254.9800	296.1207	3.6097	0.3127	0.5242	263.25	0.1255	160.0	75.77	0.6683	3.160	200.000
202.000	322.1692	255.2968	297.1728	3.6170	0.3127	0.5239	264.58	0.1266	161.5	77.85	0.6684	3.104	202.000
204.000	325.5297	255.9838	298.2287	3.6228	0.3127	0.5239	265.90	0.1278	163.0	79.48	0.6682	3.072	204.000
206.000	329.9427	256.5855	299.2688	3.6272	0.3127	0.5237	267.21	0.1289	164.4	80.97	0.6679	3.040	206.000
208.000	331.9966	257.1561	300.3156	3.6322	0.3127	0.5237	268.52	0.1301	165.9	82.48	0.6678	3.012	208.000
210.000	335.1077	257.7988	301.3628	3.6372	0.3127	0.5237	269.82	0.1312	167.4	83.96	0.6682	2.984	210.000
212.000	338.2776	258.4336	302.4096	3.6420	0.3124	0.5234	271.12	0.1323	168.8	85.56	0.6678	2.956	212.000
214.000	341.5081	259.0684	303.4565	3.6470	0.3124	0.5234	272.41	0.1335	170.3	87.18	0.6677	2.928	214.000
216.000	344.8009	259.6792	304.5033	3.6517	0.3124	0.5234	273.69	0.1346	171.7	88.67	0.6677	2.900	216.000
218.000	348.1577	260.2892	305.5497	3.6568	0.3124	0.5232	274.96	0.1357	173.2	90.30	0.6678	2.872	218.000
220.000	351.5876	260.9547	306.5961	3.6615	0.3124	0.5232	276.23	0.1368	174.6	91.88	0.6677	2.848	220.000
222.000	354.5686	261.5485	307.6424	3.6668	0.3124	0.5232	277.50	0.1379	176.1	93.46	0.6681	2.820	222.000
224.000	357.6078	262.1995	308.6885	3.6708	0.3124	0.5229	278.75	0.1391	177.5	95.12	0.6673	2.796	224.000
226.000	360.6995	262.8437	309.7346	3.6755	0.3124	0.5229	280.01	0.1402	178.9	96.71	0.6673	2.772	226.000
228.000	363.8451	263.4886	310.7805	3.6800	0.3124	0.5229	281.25	0.1413	180.4	98.31	0.6676	2.748	228.000
230.000	367.0461	264.1181	311.8261	3.6845	0.3124	0.5229	282.49	0.1424	181.8	99.95	0.6676	2.724	230.000
232.000	370.3039	264.7322	312.8717	3.6890	0.3124	0.5229	283.73	0.1435	183.2	101.62	0.6676	2.700	232.000
234.000	373.6206	265.3467	313.9173	3.6936	0.3124	0.5227	284.95	0.1446	184.6	103.36	0.6673	2.677	234.000
236.000	376.4292	266.0271	314.9629	3.6981	0.3124	0.5227	286.18	0.1457	186.0	104.93	0.6673	2.657	236.000

THERMODYNAMIC PROPERTIES OF ARGON

1.3 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
238.000	379.8565	266.6278	316.0083	3.7023	0.3124	0.5227	287.46	0.1468	187.4	106.69	0.6672	2.633	238.000
240.000	382.7606	267.2945	317.0534	3.7068	0.3124	0.5227	288.61	0.1479	188.8	108.31	0.6672	2.613	240.000
242.000	386.3647	267.8789	318.0985	3.7111	0.3124	0.5227	289.82	0.1490	190.2	110.12	0.6672	2.589	242.000
244.000	389.3686	268.5335	319.1436	3.7153	0.3124	0.5224	291.02	0.1500	191.6	111.78	0.6673	2.569	244.000
246.000	392.3596	269.1817	320.1885	3.7196	0.3124	0.5224	292.22	0.1511	193.0	113.48	0.6673	2.549	246.000
248.000	395.4588	269.8237	321.2333	3.7238	0.3124	0.5224	293.41	0.1522	194.4	115.21	0.6673	2.529	248.000
250.000	398.6074	270.4592	322.2782	3.7281	0.3124	0.5224	294.60	0.1533	195.8	116.97	0.6673	2.509	250.000
252.000	401.8065	271.0882	323.3231	3.7321	0.3122	0.5224	295.78	0.1544	197.2	118.76	0.6672	2.489	252.000
254.000	405.0573	271.7102	324.3676	3.7364	0.3122	0.5224	296.96	0.1554	198.5	120.49	0.6673	2.469	254.000
256.000	408.3612	272.3251	325.4120	3.7404	0.3122	0.5222	298.13	0.1565	199.9	122.39	0.6670	2.449	256.000
258.000	411.7195	272.9331	326.4566	3.7444	0.3122	0.5222	299.30	0.1576	201.3	124.26	0.6670	2.429	258.000
260.000	415.1334	273.5338	327.5010	3.7484	0.3122	0.5222	300.46	0.1586	202.6	126.09	0.6670	2.409	260.000
262.000	418.6055	274.2178	328.5453	3.7524	0.3122	0.5222	301.62	0.1597	204.0	127.81	0.6670	2.393	262.000
264.000	421.4233	274.8047	329.5897	3.7564	0.3122	0.5222	302.77	0.1607	205.3	129.69	0.6671	2.373	264.000
266.000	424.2804	275.4774	330.6338	3.7601	0.3122	0.5222	303.92	0.1618	206.7	131.47	0.6671	2.357	266.000
268.000	427.1765	276.1458	331.6779	3.7641	0.3122	0.5222	305.07	0.1628	208.0	133.18	0.6672	2.341	268.000
270.000	430.8527	276.7112	332.7220	3.7679	0.3122	0.5219	306.21	0.1639	209.4	135.36	0.6668	2.321	270.000
272.000	433.8306	277.3678	333.7661	3.7719	0.3122	0.5219	307.35	0.1649	210.7	137.07	0.6669	2.305	272.000
274.000	436.9681	278.0174	334.8102	3.7757	0.3122	0.5219	308.48	0.1660	212.1	138.96	0.6669	2.289	274.000
276.000	439.9393	278.6628	335.8541	3.7794	0.3122	0.5219	309.61	0.1670	213.4	140.77	0.6669	2.273	276.000
278.000	443.0539	279.3009	336.8979	3.7832	0.3122	0.5219	310.73	0.1680	214.7	142.61	0.6670	2.257	278.000
280.000	446.2129	279.9341	337.9418	3.7869	0.3122	0.5219	311.85	0.1691	216.0	144.57	0.6667	2.241	280.000
282.000	449.4173	280.5612	338.9854	3.7907	0.3122	0.5219	312.97	0.1701	217.4	146.47	0.6671	2.225	282.000
284.000	452.6686	281.1824	340.0293	3.7942	0.3122	0.5219	314.08	0.1711	218.7	148.39	0.6671	2.209	284.000
286.000	455.9682	281.7973	341.0729	3.7979	0.3122	0.5219	315.19	0.1722	220.0	150.44	0.6668	2.193	286.000
288.000	459.3127	282.4058	342.1165	3.8014	0.3122	0.5219	316.29	0.1732	221.3	152.42	0.6669	2.177	288.000
290.000	462.7087	283.0088	343.1601	3.8052	0.3122	0.5217	317.39	0.1742	222.6	154.51	0.6668	2.161	290.000
292.000	466.2889	283.7162	344.2037	3.8087	0.3122	0.5217	318.48	0.1752	223.9	156.26	0.6667	2.149	292.000
294.000	469.7742	284.3064	345.2470	3.8122	0.3122	0.5217	319.58	0.1762	225.2	158.33	0.6668	2.133	294.000
296.000	473.3121	284.8981	346.2907	3.8157	0.3122	0.5217	320.67	0.1772	226.5	160.43	0.6668	2.117	296.000
298.000	476.9008	285.5839	347.3340	3.8192	0.3122	0.5217	321.75	0.1783	227.8	162.36	0.6665	2.105	298.000
300.000	478.8337	286.1558	348.3774	3.8227	0.3122	0.5217	322.83	0.1793	229.1	164.51	0.6666	2.089	300.000
302.000	481.3951	286.8394	349.4207	3.8262	0.3122	0.5217	323.91	0.1803	230.4	166.38	0.6666	2.077	302.000
304.000	484.1884	287.5196	350.4641	3.8297	0.3122	0.5217	324.98	0.1813	231.6	168.27	0.6664	2.065	304.000
306.000	487.9638	288.0719	351.5072	3.8330	0.3122	0.5217	326.05	0.1823	232.9	170.52	0.6665	2.049	306.000
308.000	490.8342	288.7421	352.5506	3.8365	0.3122	0.6217	327.12	0.1832	234.2	172.37	0.6669	2.037	308.000
310.000	493.7385	289.4077	353.5937	3.8397	0.3122	0.5217	328.18	0.1842	235.5	174.33	0.6670	2.025	310.000
312.000	497.6649	289.9483	354.6368	3.8430	0.3122	0.5217	329.24	0.1852	236.7	176.68	0.6667	2.009	312.000
314.000	500.6568	290.5953	355.6799	3.8465	0.3122	0.5217	330.30	0.1862	238.0	178.69	0.6668	1.997	314.000
316.000	503.6729	291.2455	356.7230	3.8498	0.3122	0.5214	331.35	0.1872	239.2	180.83	0.6663	1.985	316.000
318.000	506.7316	291.8918	357.7661	3.8530	0.3122	0.5214	332.40	0.1882	240.5	182.90	0.6663	1.973	318.000
320.000	509.8278	292.5316	358.8092	3.8563	0.3122	0.5214	333.44	0.1892	241.8	184.99	0.6664	1.961	320.000
322.000	512.9628	293.1678	359.8521	3.8595	0.3122	0.5214	334.49	0.1901	243.0	187.01	0.6665	1.949	322.000
324.000	516.1349	293.7974	360.8949	3.8628	0.3122	0.5214	335.52	0.1911	244.2	189.16	0.6663	1.937	324.000
326.000	519.3474	294.4229	361.9380	3.8658	0.3122	0.5214	336.56	0.1921	245.5	191.33	0.6664	1.926	326.000

THERMODYNAMIC PROPERTIES OF ARGON

1.3 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
328.000	522.6661	295.8428	362.9869	3.8698	0.3122	0.5214	337.59	0.1931	246.7	193.53	0.6662	1.914	328.000
330.000	525.8937	295.8575	364.0237	3.8723	0.3122	0.5214	338.62	0.1940	248.0	195.66	0.6666	1.902	330.000
332.000	529.2292	296.2668	365.0666	3.8753	0.3122	0.5214	339.65	0.1950	249.2	197.92	0.6664	1.890	332.000
334.000	531.4765	297.0172	366.1092	3.8785	0.3122	0.5214	340.67	0.1959	250.4	199.68	0.6665	1.882	334.000
336.000	534.8834	297.0172	367.1520	3.8815	0.3122	0.5214	341.69	0.1969	251.6	201.98	0.6663	1.870	336.000
338.000	538.3342	298.2114	368.1949	3.8845	0.3122	0.5214	342.71	0.1979	252.9	204.32	0.6663	1.858	338.000
340.000	541.8300	298.7996	369.2375	3.8878	0.3122	0.5214	343.72	0.1988	254.1	206.58	0.6665	1.846	340.000
342.000	544.1857	299.5362	370.2803	3.8908	0.3122	0.5214	344.73	0.1998	255.3	208.52	0.6663	1.838	342.000
344.000	547.7581	300.1144	371.3230	3.8938	0.3122	0.5214	345.74	0.2007	256.5	210.83	0.6664	1.826	344.000
346.000	551.3776	300.6865	372.3655	3.8968	0.3122	0.5214	346.75	0.2017	257.7	213.29	0.6662	1.814	346.000
348.000	553.8173	301.4119	373.4082	3.8998	0.3122	0.5214	347.75	0.2026	258.9	215.18	0.6663	1.806	348.000
350.000	557.5176	301.9734	374.4507	3.9028	0.3122	0.5214	348.75	0.2035	260.1	217.68	0.6665	1.794	350.000
352.000	560.0121	302.6918	375.4934	3.9056	0.3122	0.5212	349.74	0.2045	261.3	219.74	0.6659	1.786	352.000
354.000	563.7966	303.2425	376.5360	3.9086	0.3122	0.5212	350.74	0.2054	262.5	222.20	0.6661	1.774	354.000
356.000	566.3472	303.9635	377.5786	3.9116	0.3122	0.5212	351.73	0.2064	263.7	224.29	0.6659	1.766	356.000
358.000	570.2173	304.4929	378.6212	3.9143	0.3122	0.5212	352.72	0.2073	264.9	226.81	0.6660	1.754	358.000
360.000	572.8271	305.1968	379.6635	3.9173	0.3122	0.5212	353.70	0.2082	266.1	228.83	0.6661	1.746	360.000
362.000	576.4606	305.8962	380.7061	3.9201	0.3122	0.5212	354.68	0.2092	267.3	230.99	0.6659	1.738	362.000
364.000	579.4578	306.4191	381.7485	3.9231	0.3122	0.5212	355.66	0.2101	268.5	233.59	0.6660	1.726	364.000
366.000	582.1522	307.1111	382.7909	3.9259	0.3122	0.5212	356.64	0.2110	269.7	235.69	0.6662	1.718	366.000
368.000	584.8725	307.8660	383.8335	3.9289	0.3122	0.5212	357.61	0.2119	270.8	237.88	0.6660	1.710	368.000
370.000	589.6618	308.3657	384.8758	3.9316	0.3122	0.5212	358.58	0.2128	272.0	240.49	0.6662	1.698	370.000
372.000	591.7859	308.9666	385.9182	3.9344	0.3122	0.5212	359.55	0.2138	273.2	242.77	0.6660	1.690	372.000
374.000	594.5972	309.6629	386.9605	3.9371	0.3122	0.5212	360.52	0.2147	274.3	244.95	0.6659	1.682	374.000
376.000	597.4354	310.3363	388.0029	3.9399	0.3122	0.5212	361.48	0.2156	275.5	247.15	0.6660	1.674	376.000
378.000	601.7438	310.8186	389.0453	3.9426	0.3122	0.5212	362.44	0.2165	276.7	249.97	0.6661	1.662	378.000
380.000	604.6588	311.4838	390.0876	3.9454	0.3122	0.5212	363.40	0.2174	277.8	252.22	0.6660	1.654	380.000
382.000	607.6868	312.1438	391.1300	3.9481	0.3122	0.5212	364.36	0.2183	279.0	254.49	0.6661	1.646	382.000
384.000	610.5498	312.8866	392.1721	3.9509	0.3122	0.5212	365.31	0.2192	280.1	256.79	0.6660	1.638	384.000
386.000	613.5427	313.4539	393.2144	3.9534	0.3122	0.5212	366.26	0.2201	281.3	259.11	0.6661	1.630	386.000
388.000	616.5651	314.1031	394.2565	3.9561	0.3122	0.5212	367.21	0.2210	282.4	261.46	0.6660	1.622	388.000
390.000	619.6174	314.7486	395.2989	3.9589	0.3122	0.5212	368.15	0.2219	283.6	263.81	0.6661	1.614	390.000
392.000	622.7001	315.3962	396.3412	3.9614	0.3122	0.5212	369.10	0.2228	284.7	266.20	0.6660	1.606	392.000
394.000	625.8136	316.0276	397.3833	3.9642	0.3122	0.5212	370.04	0.2237	285.9	268.61	0.6661	1.598	394.000
396.000	628.9584	316.6668	398.4254	3.9667	0.3122	0.5212	370.98	0.2246	287.0	271.05	0.6660	1.590	396.000
398.000	632.1349	317.2960	399.4675	3.9694	0.3122	0.5212	371.91	0.2255	288.1	273.51	0.6659	1.582	398.000
400.000	635.3438	317.9152	400.5099	3.9719	0.3122	0.5212	372.85	0.2264	289.3	275.99	0.6660	1.574	400.000

THERMODYNAMIC PROPERTIES OF ARGON

1.4 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
86.000	0.7138	72.1653	72.2652	1.3428	0.9039	1.3112	599.68	1.3041	2697.3	0.71	2.7120	1401.028	86.000
87.000	0.7169	73.4620	73.5624	1.3570	0.8636	1.2837	607.38	1.2861	2617.3	0.72	2.6124	1394.872	87.000
88.000	0.7201	74.7585	74.8343	1.3715	0.8273	1.2661	614.32	1.2687	2541.2	0.72	2.5241	1388.720	88.000
89.000	0.7233	76.0549	76.0852	1.3856	0.7950	1.2486	620.50	1.2517	2468.3	0.73	2.4464	1382.521	89.000
90.000	0.7266	77.2150	77.3168	1.3993	0.7666	1.2241	625.25	1.2350	2398.2	0.73	2.3770	1376.257	90.000
• 90.450	0.7281	77.7648	77.8667	1.4056	0.7540	1.2178	627.26	1.2277	2367.6	0.73	2.3486	1373.424	90.450
• 90.450	128.7682	219.6186	237.8381	3.1654	0.3457	0.5975	172.55	0.0613	75.2	13.21	0.7330	7.766	90.450
91.000	129.6351	219.2154	237.8643	3.1689	0.3447	0.5955	173.17	0.0616	75.6	13.41	0.7309	7.714	91.000
92.000	131.2666	219.5883	237.9576	3.1754	0.3429	0.5918	174.38	0.0621	76.4	13.78	0.7286	7.618	92.000
93.000	132.8691	219.9464	238.5481	3.1816	0.3414	0.5885	176.41	0.0627	77.1	14.16	0.7237	7.526	93.000
94.000	134.5112	220.3038	239.1346	3.1879	0.3399	0.5853	178.52	0.0632	77.9	14.53	0.7214	7.434	94.000
95.000	136.0464	220.6714	239.7179	3.1942	0.3387	0.5823	177.61	0.0638	78.7	14.91	0.7182	7.350	95.000
96.000	137.6928	221.0219	240.2989	3.2002	0.3374	0.5795	178.69	0.0644	79.5	15.30	0.7154	7.263	96.000
97.000	139.3018	221.3741	240.8764	3.2062	0.3362	0.5767	179.76	0.0649	80.2	15.68	0.7127	7.179	97.000
98.000	140.8697	221.7366	241.4524	3.2122	0.3349	0.5742	180.82	0.0655	81.0	16.07	0.7101	7.099	98.000
99.000	142.4732	222.0789	242.0251	3.2179	0.3339	0.5720	181.88	0.0660	81.8	16.44	0.7089	7.019	99.000
100.000	144.0307	222.4315	242.5959	3.2237	0.3329	0.5697	182.92	0.0666	82.6	16.84	0.7066	6.943	100.000
101.000	145.6227	222.7774	243.1646	3.2292	0.3319	0.5677	183.95	0.0672	83.4	17.24	0.7046	6.867	101.000
102.000	147.1637	223.1282	243.7311	3.2347	0.3309	0.5657	184.97	0.0678	84.1	17.64	0.7017	6.795	102.000
103.000	148.7376	223.4725	244.2958	3.2402	0.3302	0.5640	185.99	0.0683	84.9	18.01	0.7011	6.723	103.000
104.000	150.2554	223.8228	244.8586	3.2457	0.3292	0.5622	187.00	0.0689	85.7	18.41	0.6993	6.655	104.000
105.000	151.8044	224.1674	245.4200	3.2510	0.3284	0.5605	188.00	0.0695	86.5	18.82	0.6976	6.587	105.000
106.000	153.3857	224.5055	245.9796	3.2565	0.3277	0.5590	188.99	0.0701	87.3	19.24	0.6961	6.520	106.000
107.000	154.9044	224.8509	246.5375	3.2615	0.3272	0.5575	189.97	0.0706	88.1	19.62	0.6957	6.456	107.000
108.000	156.4534	225.1918	247.0945	3.2667	0.3264	0.5560	190.95	0.0712	88.8	20.04	0.6934	6.392	108.000
109.000	158.0337	225.5247	247.6494	3.2718	0.3259	0.5547	191.92	0.0718	89.6	20.45	0.6922	6.328	109.000
110.000	159.5446	225.8674	248.2037	3.2770	0.3252	0.5535	192.88	0.0724	90.4	20.87	0.6911	6.268	110.000
111.000	161.0846	226.2043	248.7561	3.2818	0.3247	0.5522	193.84	0.0730	91.2	21.29	0.6899	6.208	111.000
112.000	162.6546	226.5359	249.3076	3.2868	0.3242	0.5510	194.79	0.0736	92.0	21.73	0.6887	6.148	112.000
113.000	164.2555	226.8623	249.8581	3.2918	0.3237	0.5500	195.73	0.0741	92.8	22.13	0.6888	6.088	113.000
114.000	165.7784	227.1983	250.4073	3.2965	0.3232	0.5490	196.67	0.0747	93.6	22.56	0.6879	6.032	114.000
115.000	167.2181	227.5452	250.9557	3.3013	0.3227	0.5480	197.60	0.0753	94.4	22.98	0.6870	5.980	115.000
116.000	168.7966	227.8714	251.5029	3.3060	0.3222	0.5470	198.53	0.0759	95.1	23.42	0.6853	5.924	116.000
117.000	170.2894	228.2091	252.0497	3.3106	0.3219	0.5460	199.45	0.0765	95.9	23.86	0.6844	5.872	117.000
118.000	171.8068	228.5419	252.5961	3.3153	0.3214	0.5452	200.37	0.0771	96.7	24.30	0.6838	5.820	118.000
119.000	173.3556	228.8706	253.1398	3.3198	0.3212	0.5445	201.27	0.0777	97.5	24.74	0.6832	5.768	119.000
120.000	174.9364	229.1933	253.6835	3.3243	0.3207	0.5437	202.18	0.0783	98.3	25.19	0.6826	5.717	120.000
121.000	176.4897	229.5294	254.2267	3.3288	0.3204	0.5430	203.08	0.0789	99.1	25.64	0.6820	5.669	121.000
122.000	177.9143	229.8612	254.7692	3.3333	0.3199	0.5422	203.97	0.0795	99.9	26.09	0.6813	5.621	122.000
123.000	179.4447	230.1886	255.3109	3.3378	0.3197	0.5415	204.86	0.0801	100.7	26.55	0.6807	5.573	123.000
124.000	181.0018	230.5116	255.8518	3.3421	0.3194	0.5407	205.74	0.0807	101.4	27.01	0.6794	5.525	124.000
125.000	182.4529	230.8486	256.3920	3.3466	0.3192	0.5402	206.62	0.0812	102.2	27.43	0.6799	5.481	125.000
126.000	184.0628	231.1632	256.9326	3.3509	0.3189	0.5395	207.50	0.0818	103.0	27.91	0.6793	5.433	126.000
127.000	185.5637	231.4926	257.4709	3.3551	0.3187	0.5390	208.37	0.0824	103.8	28.37	0.6789	5.389	127.000
128.000	187.0893	231.8172	258.0096	3.3591	0.3184	0.5384	209.23	0.0830	104.6	28.84	0.6786	5.345	128.000

THERMODYNAMIC PROPERTIES OF ARGON

1.4 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
129.000	188.4981	232.1581	259.5479	3.3634	0.3182	0.5379	210.09	0.0836	105.4	29.29	0.6782	5.305	129.000
130.000	190.0725	232.4752	259.8053	3.3676	0.3179	0.5374	210.95	0.0842	106.2	29.78	0.6779	5.261	130.000
131.000	191.5267	232.8005	259.8222	3.3716	0.3177	0.5369	211.80	0.0848	107.0	30.25	0.6775	5.221	131.000
132.000	193.0034	233.1385	260.1589	3.3756	0.3174	0.5364	212.65	0.0854	107.8	30.73	0.6772	5.181	132.000
133.000	194.5031	233.4645	260.6949	3.3796	0.3172	0.5359	213.49	0.0860	108.6	31.21	0.6768	5.141	133.000
134.000	196.0262	233.7869	261.2306	3.3836	0.3172	0.5354	214.33	0.0866	109.3	31.70	0.6758	5.101	134.000
135.000	197.5733	234.1055	261.7658	3.3877	0.3169	0.5352	215.17	0.0872	110.1	32.19	0.6757	5.061	135.000
136.000	199.1451	234.4204	262.3007	3.3917	0.3167	0.5347	216.00	0.0878	110.9	32.70	0.6754	5.021	136.000
137.000	200.5813	234.7538	262.8352	3.3954	0.3167	0.5344	216.83	0.0884	111.7	33.18	0.6753	4.986	137.000
138.000	202.0383	235.0646	263.3694	3.3994	0.3164	0.5339	217.65	0.0890	112.5	33.68	0.6749	4.950	138.000
139.000	203.5166	235.4106	263.9031	3.4032	0.3162	0.5337	218.47	0.0896	113.3	34.17	0.6749	4.914	139.000
140.000	205.0167	235.7339	264.4362	3.4069	0.3162	0.5332	219.29	0.0902	114.1	34.68	0.6745	4.878	140.000
141.000	206.5391	236.0548	264.9695	3.4109	0.3159	0.5329	220.10	0.0908	114.8	35.19	0.6738	4.842	141.000
142.000	208.0843	236.3781	265.5019	3.4147	0.3159	0.5327	220.91	0.0914	115.6	35.70	0.6737	4.806	142.000
143.000	209.6528	236.6832	266.0346	3.4182	0.3157	0.5322	221.72	0.0920	116.4	36.24	0.6733	4.770	143.000
144.000	211.2678	237.0172	266.5665	3.4219	0.3157	0.5319	222.52	0.0926	117.2	36.74	0.6733	4.738	144.000
145.000	212.5864	237.3482	267.0982	3.4257	0.3154	0.5317	223.32	0.0932	118.0	37.25	0.6732	4.706	145.000
146.000	214.1364	237.6585	267.6296	3.4292	0.3154	0.5314	224.12	0.0938	118.8	37.80	0.6731	4.674	146.000
147.000	215.6119	237.9754	268.1611	3.4330	0.3152	0.5312	224.91	0.0944	119.6	38.32	0.6730	4.638	147.000
148.000	217.1079	238.2969	268.6928	3.4365	0.3152	0.5309	225.70	0.0950	120.3	38.86	0.6723	4.606	148.000
149.000	218.4341	238.6420	269.2227	3.4400	0.3149	0.5307	226.49	0.0956	121.1	39.35	0.6722	4.578	149.000
150.000	219.9696	238.9572	269.7529	3.4435	0.3149	0.5304	227.28	0.0962	121.9	39.89	0.6721	4.546	150.000
151.000	221.5269	239.2896	270.2834	3.4470	0.3149	0.5302	228.06	0.0968	122.7	40.45	0.6720	4.514	151.000
152.000	222.9878	239.6062	270.8133	3.4505	0.3147	0.5299	228.83	0.0974	123.5	40.97	0.6719	4.486	152.000
153.000	224.5071	239.9122	271.3432	3.4540	0.3147	0.5297	229.61	0.0980	124.3	41.54	0.6718	4.454	153.000
154.000	226.0256	240.2431	271.8727	3.4575	0.3147	0.5294	230.38	0.0986	125.0	42.08	0.6712	4.426	154.000
155.000	227.3619	240.5714	272.4021	3.4610	0.3144	0.5294	231.15	0.0992	125.8	42.68	0.6714	4.398	155.000
156.000	229.0268	240.8876	272.9313	3.4643	0.3144	0.5292	231.92	0.0998	126.6	43.19	0.6713	4.366	156.000
157.000	230.5822	241.1982	273.4605	3.4675	0.3144	0.5289	232.68	0.1004	127.4	43.75	0.6712	4.338	157.000
158.000	231.9976	241.5095	273.9892	3.4710	0.3142	0.5287	233.44	0.1010	128.1	44.32	0.6705	4.310	158.000
159.000	233.2949	241.8563	274.5176	3.4743	0.3142	0.5287	234.20	0.1016	128.9	44.83	0.6707	4.286	159.000
160.000	234.8269	242.1703	275.0461	3.4775	0.3142	0.5284	234.95	0.1022	129.7	45.42	0.6706	4.258	160.000
161.000	236.3791	242.4812	275.5742	3.4808	0.3142	0.5282	235.71	0.1028	130.5	46.01	0.6705	4.230	161.000
162.000	237.9519	242.7892	276.1024	3.4840	0.3139	0.5282	236.46	0.1034	131.2	46.58	0.6702	4.203	162.000
163.000	239.3169	243.1260	276.6304	3.4873	0.3139	0.5279	237.20	0.1040	132.0	47.14	0.6701	4.179	163.000
164.000	240.6975	243.4606	277.1583	3.4905	0.3139	0.5277	237.95	0.1046	132.8	47.71	0.6699	4.155	164.000
165.000	242.3286	243.7666	277.6860	3.4938	0.3139	0.5277	238.69	0.1052	133.6	48.31	0.6701	4.127	165.000
166.000	243.7443	244.0892	278.2134	3.4970	0.3137	0.5274	239.43	0.1057	134.3	48.85	0.6701	4.103	166.000
167.000	245.1767	244.4161	278.7408	3.5001	0.3137	0.5274	240.16	0.1063	135.1	49.41	0.6703	4.079	167.000
168.000	246.6261	244.7484	279.2680	3.5033	0.3137	0.5272	240.90	0.1069	135.9	50.01	0.6702	4.055	168.000
169.000	248.0926	245.0623	279.7952	3.5063	0.3137	0.5272	241.63	0.1075	136.6	50.59	0.6699	4.031	169.000
170.000	249.5767	245.3814	280.3221	3.5093	0.3137	0.5269	242.36	0.1081	137.4	51.20	0.6698	4.007	170.000
171.000	251.0787	245.6978	280.8488	3.5126	0.3137	0.5269	243.09	0.1087	138.2	51.79	0.6699	3.983	171.000
172.000	252.5988	246.0126	281.3758	3.5156	0.3134	0.5267	243.81	0.1093	138.9	52.42	0.6693	3.959	172.000
173.000	254.1375	246.3229	281.9022	3.5186	0.3134	0.5267	244.54	0.1099	139.7	53.03	0.6695	3.935	173.000

THERMODYNAMIC PROPERTIES OF ARGON

1.4 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
174.000	255.6950	246.6313	282.4286	3.5216	0.3134	0.5264	245.26	0.1105	140.5	53.87	0.6694	3.911	174.000
176.000	257.8676	246.9746	282.9551	3.5246	0.3134	0.5264	245.97	0.1111	141.2	54.24	0.6691	3.891	176.000
176.000	258.6606	247.2772	283.4813	3.5276	0.3134	0.5262	246.69	0.1116	142.0	54.85	0.6696	3.867	176.000
177.000	259.9433	247.6154	284.0074	3.5306	0.3134	0.5262	247.40	0.1122	142.8	55.43	0.6697	3.847	177.000
178.000	261.5731	247.9134	284.5336	3.5336	0.3132	0.5259	248.11	0.1128	143.5	56.18	0.6691	3.823	178.000
179.000	262.9469	248.2478	285.0595	3.5363	0.3132	0.5259	248.82	0.1134	144.3	56.78	0.6692	3.803	179.000
180.000	264.3352	248.5783	285.5852	3.5394	0.3132	0.5259	249.53	0.1140	145.0	57.38	0.6690	3.783	180.000
181.000	266.0267	248.8683	286.1112	3.5424	0.3132	0.5257	250.23	0.1146	145.8	57.99	0.6688	3.759	181.000
182.000	267.4417	249.1948	286.6366	3.5451	0.3132	0.5257	250.94	0.1152	146.6	58.61	0.6690	3.739	182.000
183.000	268.8786	249.5194	287.1623	3.5481	0.3132	0.5257	251.64	0.1157	147.3	59.18	0.6693	3.719	183.000
184.000	270.3298	249.8416	287.6877	3.5509	0.3132	0.5254	252.33	0.1163	148.1	59.84	0.6691	3.699	184.000
185.000	271.7974	250.1615	288.2132	3.5536	0.3132	0.5254	253.03	0.1169	148.8	60.47	0.6688	3.679	185.000
186.000	273.2818	250.4793	288.7386	3.5566	0.3129	0.5254	253.73	0.1175	149.6	61.11	0.6690	3.659	186.000
187.000	274.7809	250.7944	289.2638	3.5594	0.3129	0.5252	254.42	0.1181	150.3	61.79	0.6684	3.639	187.000
188.000	276.2974	251.1073	289.7890	3.5621	0.3129	0.5252	255.11	0.1187	151.1	62.45	0.6685	3.619	188.000
189.000	277.8307	251.4178	290.3141	3.5649	0.3129	0.5252	255.80	0.1192	151.8	63.06	0.6688	3.599	189.000
190.000	279.3806	251.7261	290.8391	3.5676	0.3129	0.5249	256.48	0.1198	152.6	63.69	0.6687	3.583	190.000
191.000	280.9339	252.0763	291.3640	3.5704	0.3129	0.5249	257.17	0.1204	153.3	64.37	0.6684	3.563	191.000
192.000	282.2158	252.3787	291.8889	3.5731	0.3129	0.5249	257.85	0.1210	154.1	65.05	0.6685	3.543	192.000
193.000	283.4943	252.7244	292.4136	3.5759	0.3129	0.5247	258.53	0.1215	154.8	65.65	0.6685	3.527	193.000
194.000	285.1887	253.0231	292.9383	3.5784	0.3129	0.5247	259.21	0.1221	155.6	66.35	0.6686	3.507	194.000
195.000	286.4135	253.3651	293.4630	3.5812	0.3129	0.5247	259.88	0.1227	156.3	66.98	0.6684	3.491	195.000
196.000	288.0615	253.6591	293.9877	3.5839	0.3129	0.5247	260.56	0.1233	157.1	67.69	0.6685	3.471	196.000
197.000	289.3936	253.9978	294.5121	3.5864	0.3127	0.5244	261.23	0.1238	157.8	68.32	0.6685	3.456	197.000
198.000	290.7386	254.3332	295.0365	3.5892	0.3127	0.5244	261.90	0.1244	158.6	68.97	0.6686	3.440	198.000
199.000	292.4362	254.6281	295.5612	3.5917	0.3127	0.5244	262.57	0.1250	159.3	69.76	0.6683	3.420	199.000
200.000	293.8892	254.9521	296.0854	3.5944	0.3127	0.5244	263.24	0.1256	160.0	70.37	0.6681	3.404	200.000
202.000	299.4323	255.2176	297.1338	3.6014	0.3127	0.5242	264.57	0.1267	161.5	72.38	0.6682	3.348	202.000
204.000	302.3254	255.8688	298.1864	3.6064	0.3127	0.5242	265.89	0.1278	163.0	73.71	0.6686	3.308	204.000
206.000	305.2749	256.4968	299.2345	3.6114	0.3127	0.5239	267.21	0.1290	164.5	75.16	0.6681	3.276	206.000
208.000	308.2825	257.1228	300.2823	3.6167	0.3127	0.5239	268.52	0.1301	165.9	76.55	0.6681	3.244	208.000
210.000	311.3500	257.7410	301.3300	3.6217	0.3127	0.5239	269.82	0.1313	167.4	78.03	0.6680	3.212	210.000
212.000	314.4846	258.4057	302.3776	3.6265	0.3127	0.5237	271.11	0.1324	168.9	79.41	0.6680	3.184	212.000
214.000	317.2692	259.0072	303.4249	3.6315	0.3124	0.5237	272.40	0.1335	170.3	80.88	0.6680	3.152	214.000
216.000	320.1093	259.6567	304.4720	3.6362	0.3124	0.5237	273.69	0.1346	171.8	82.28	0.6684	3.124	216.000
218.000	323.0005	260.2989	305.5189	3.6412	0.3124	0.5234	274.96	0.1358	173.2	83.80	0.6676	3.096	218.000
220.000	325.9445	260.9336	306.5658	3.6460	0.3124	0.5234	276.23	0.1369	174.7	85.25	0.6680	3.068	220.000
222.000	328.9427	261.5607	307.6126	3.6505	0.3124	0.5234	277.50	0.1380	176.1	86.72	0.6679	3.040	222.000
224.000	331.9966	262.1795	308.6590	3.6553	0.3124	0.5232	278.75	0.1391	177.5	88.27	0.6676	3.012	224.000
226.000	335.1077	262.7906	309.7056	3.6600	0.3124	0.5232	280.01	0.1402	179.0	89.80	0.6680	2.984	226.000
228.000	337.8211	263.4578	310.7520	3.6645	0.3124	0.5232	281.25	0.1413	180.4	91.24	0.6680	2.960	228.000
230.000	341.0428	264.0521	311.7981	3.6690	0.3124	0.5232	282.49	0.1424	181.8	92.83	0.6679	2.932	230.000
232.000	343.8538	264.7044	312.8439	3.6735	0.3124	0.5229	283.73	0.1435	183.2	94.36	0.6676	2.908	232.000
234.000	346.7111	265.3585	313.8900	3.6780	0.3124	0.5229	284.96	0.1446	184.6	95.87	0.6676	2.884	234.000
236.000	349.6166	265.9896	314.9359	3.6825	0.3124	0.5229	286.18	0.1457	186.0	97.41	0.6676	2.860	236.000

THERMODYNAMIC PROPERTIES OF ARGON

1.4 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
238.000	352.5718	266.6216	315.9815	3.6868	0.3124	0.5229	287.45	0.1468	187.5	98.98	0.6679	2.836	238.000
240.000	355.5759	267.2465	317.0271	3.6913	0.3124	0.5227	288.62	0.1479	188.9	100.62	0.6676	2.812	240.000
242.000	358.6324	267.8648	318.0725	3.6956	0.3124	0.5227	289.82	0.1490	190.3	102.24	0.6676	2.788	242.000
244.000	361.7419	268.4748	319.1178	3.6998	0.3124	0.5227	291.03	0.1501	191.6	103.88	0.6672	2.764	244.000
246.000	364.9047	269.1500	320.1632	3.7041	0.3124	0.5227	292.22	0.1512	193.0	105.41	0.6672	2.744	246.000
248.000	367.5851	269.7464	321.2083	3.7083	0.3124	0.5227	293.42	0.1523	194.4	107.11	0.6672	2.720	248.000
250.000	370.3839	270.4109	322.2534	3.7126	0.3124	0.5224	294.60	0.1533	195.8	108.66	0.6673	2.700	250.000
252.000	373.6286	270.9917	323.2985	3.7166	0.3124	0.5224	295.79	0.1544	197.2	110.42	0.6672	2.677	252.000
254.000	376.4292	271.6435	324.3436	3.7208	0.3124	0.5224	296.97	0.1555	198.6	112.04	0.6672	2.657	254.000
256.000	379.2869	272.2889	325.3882	3.7248	0.3122	0.5224	298.14	0.1565	199.9	113.62	0.6673	2.637	256.000
258.000	382.1762	272.9284	326.4331	3.7288	0.3122	0.5224	299.31	0.1576	201.3	115.29	0.6673	2.617	258.000
260.000	385.1161	273.5617	327.4780	3.7329	0.3122	0.5224	300.47	0.1587	202.7	116.99	0.6673	2.597	260.000
262.000	388.1015	274.1884	328.5226	3.7369	0.3122	0.5224	301.63	0.1597	204.0	118.64	0.6673	2.577	262.000
264.000	391.1335	274.8085	329.5672	3.7409	0.3122	0.5222	302.79	0.1608	205.4	120.45	0.6670	2.557	264.000
266.000	394.2133	275.4217	330.6116	3.7449	0.3122	0.5222	303.94	0.1618	206.7	122.15	0.6671	2.537	266.000
268.000	396.7122	276.1164	331.6561	3.7486	0.3122	0.5222	305.08	0.1629	208.1	123.76	0.6671	2.521	268.000
270.000	399.8889	276.7169	332.7003	3.7526	0.3122	0.5222	306.22	0.1639	209.4	125.51	0.6671	2.501	270.000
272.000	403.1005	277.3105	333.7446	3.7564	0.3122	0.5222	307.36	0.1650	210.7	127.37	0.6668	2.481	272.000
274.000	405.7138	277.9096	334.7890	3.7601	0.3122	0.5222	308.49	0.1660	212.1	128.98	0.6672	2.465	274.000
276.000	409.0285	278.5691	335.8331	3.7639	0.3122	0.5222	309.62	0.1671	213.4	130.89	0.6669	2.445	276.000
278.000	411.7195	279.2365	336.8772	3.7676	0.3122	0.5222	310.75	0.1681	214.7	132.54	0.6669	2.429	278.000
280.000	414.4461	279.8968	337.9213	3.7714	0.3122	0.5219	311.87	0.1691	216.1	134.28	0.6670	2.413	280.000
282.000	417.9855	280.4586	338.9654	3.7752	0.3122	0.5219	312.98	0.1702	217.4	136.28	0.6667	2.393	282.000
284.000	420.7150	281.1092	340.0092	3.7789	0.3122	0.5219	314.09	0.1712	218.7	138.00	0.6667	2.377	284.000
286.000	423.5626	281.7544	341.0531	3.7824	0.3122	0.5219	315.20	0.1722	220.0	139.75	0.6668	2.361	286.000
288.000	426.4488	282.3941	342.0970	3.7862	0.3122	0.5219	316.31	0.1732	221.3	141.62	0.6669	2.345	288.000
290.000	429.3747	283.0284	343.1408	3.7897	0.3122	0.5219	317.41	0.1742	222.6	143.31	0.6669	2.329	290.000
292.000	432.3418	283.6578	344.1847	3.7932	0.3122	0.5219	318.50	0.1753	223.9	145.21	0.6666	2.313	292.000
294.000	435.3486	284.2795	345.2283	3.7969	0.3122	0.5219	319.59	0.1763	225.2	147.05	0.6667	2.297	294.000
296.000	438.3983	284.8961	346.2719	3.8004	0.3122	0.5219	320.68	0.1773	226.5	148.92	0.6668	2.281	296.000
298.000	441.4911	285.5067	347.3155	3.8039	0.3122	0.5219	321.77	0.1783	227.8	150.82	0.6668	2.265	298.000
300.000	444.6294	286.2216	348.3591	3.8074	0.3122	0.5217	322.85	0.1793	229.1	152.55	0.6666	2.253	300.000
302.000	447.8097	286.8214	349.4027	3.8107	0.3122	0.5217	323.93	0.1803	230.4	154.49	0.6666	2.237	302.000
304.000	450.2256	287.4147	350.4463	3.8142	0.3122	0.5217	325.00	0.1813	231.7	156.47	0.6667	2.221	304.000
306.000	452.6686	288.1161	351.4897	3.8177	0.3122	0.5217	326.07	0.1823	232.9	158.18	0.6665	2.209	306.000
308.000	455.9662	288.6978	352.5330	3.8210	0.3122	0.5217	327.14	0.1833	234.2	160.21	0.6665	2.193	308.000
310.000	458.4715	289.3904	353.5764	3.8245	0.3122	0.5217	328.20	0.1843	235.5	161.97	0.6666	2.181	310.000
312.000	461.8550	289.9666	354.6197	3.8277	0.3122	0.5217	329.26	0.1853	236.7	164.05	0.6664	2.165	312.000
314.000	464.4257	290.6435	355.6631	3.8310	0.3122	0.5217	330.32	0.1863	238.0	165.85	0.6664	2.153	314.000
316.000	467.8986	291.2867	356.7065	3.8342	0.3122	0.5217	331.37	0.1872	239.3	167.90	0.6669	2.137	316.000
318.000	470.5365	291.8744	357.7495	3.8375	0.3122	0.5217	332.42	0.1882	240.5	169.75	0.6667	2.125	318.000
320.000	473.2850	292.5440	358.7927	3.8407	0.3122	0.5217	333.46	0.1892	241.8	171.62	0.6667	2.113	320.000
322.000	476.8184	293.0826	359.8360	3.8440	0.3122	0.5217	334.51	0.1902	243.0	173.84	0.6665	2.097	322.000
324.000	479.5586	293.7421	360.8792	3.8473	0.3122	0.5217	335.55	0.1912	244.3	175.76	0.6666	2.085	324.000
326.000	482.3226	294.3971	361.9222	3.8505	0.3122	0.5214	336.58	0.1921	245.5	177.69	0.6664	2.073	326.000

THERMODYNAMIC PROPERTIES OF ARGON

1.4 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
328.000	485.1268	295.8476	362.9653	3.8538	0.3122	0.5214	337.61	0.1931	246.7	179.66	0.6662	2.061	328.000
330.000	487.9638	295.6933	364.0062	3.8568	0.3122	0.5214	338.64	0.1941	248.0	181.64	0.6662	2.049	330.000
332.000	490.8342	296.3345	365.0613	3.8600	0.3122	0.5214	339.67	0.1950	249.2	183.56	0.6664	2.037	332.000
334.000	493.7385	296.9708	366.0942	3.8630	0.3122	0.5214	340.69	0.1960	250.4	185.59	0.6662	2.025	334.000
336.000	496.6774	297.6024	367.1373	3.8663	0.3122	0.5214	341.71	0.1969	251.7	187.55	0.6665	2.013	336.000
338.000	499.6516	298.2289	368.1801	3.8693	0.3122	0.5214	342.73	0.1979	252.9	189.64	0.6663	2.001	338.000
340.000	502.6615	298.8503	369.2230	3.8723	0.3122	0.5214	343.75	0.1988	254.1	191.65	0.6665	1.989	340.000
342.000	505.7079	299.4667	370.2658	3.8753	0.3122	0.5214	344.76	0.1998	255.3	193.78	0.6663	1.977	342.000
344.000	508.7915	300.0779	371.3087	3.8783	0.3122	0.5214	345.76	0.2007	256.5	195.84	0.6664	1.965	344.000
346.000	511.9129	300.6837	372.3516	3.8813	0.3122	0.5214	346.77	0.2017	257.7	198.02	0.6662	1.953	346.000
348.000	515.0729	301.2842	373.3944	3.8843	0.3122	0.5214	347.77	0.2026	259.0	200.13	0.6666	1.941	348.000
350.000	518.2713	301.8788	374.4370	3.8873	0.3122	0.5214	348.77	0.2036	260.2	201.95	0.6664	1.933	350.000
352.000	521.4271	302.6201	375.4799	3.8903	0.3122	0.5214	349.77	0.2045	261.4	204.11	0.6665	1.921	352.000
354.000	524.6934	303.2050	376.5227	3.8933	0.3122	0.5214	350.76	0.2055	262.6	206.39	0.6663	1.910	354.000
356.000	525.8937	303.9402	377.5653	3.8961	0.3122	0.5214	351.75	0.2064	263.7	208.17	0.6662	1.902	356.000
358.000	529.2292	304.5158	378.6079	3.8991	0.3122	0.5214	352.74	0.2073	264.9	210.40	0.6663	1.890	358.000
360.000	532.6073	305.0855	379.6505	3.9021	0.3122	0.5214	353.72	0.2083	266.1	212.77	0.6661	1.878	360.000
362.000	534.8834	305.8894	380.6931	3.9048	0.3122	0.5214	354.71	0.2092	267.3	214.68	0.6662	1.870	362.000
364.000	538.3342	306.3696	381.7357	3.9078	0.3122	0.5212	355.69	0.2101	268.5	217.02	0.6660	1.858	364.000
366.000	540.8597	307.0866	382.7784	3.9106	0.3122	0.5212	356.66	0.2110	269.7	218.89	0.6662	1.850	366.000
368.000	544.1857	307.6349	383.8210	3.9133	0.3122	0.5212	357.64	0.2120	270.8	221.36	0.6657	1.838	368.000
370.000	546.5621	308.3449	384.8636	3.9161	0.3122	0.5212	358.61	0.2129	272.0	223.27	0.6659	1.830	370.000
372.000	550.1658	308.8827	385.9059	3.9191	0.3122	0.5212	359.58	0.2138	273.2	225.69	0.6660	1.818	372.000
374.000	552.5948	309.5852	386.9485	3.9218	0.3122	0.5212	360.54	0.2147	274.4	227.64	0.6661	1.810	374.000
376.000	556.0453	310.2845	387.9909	3.9246	0.3122	0.5212	361.51	0.2156	275.5	229.61	0.6660	1.802	376.000
378.000	558.7621	310.8868	389.0335	3.9274	0.3122	0.5212	362.47	0.2165	276.7	232.11	0.6661	1.790	378.000
380.000	561.2678	311.4984	390.0758	3.9301	0.3122	0.5212	363.43	0.2174	277.8	234.12	0.6660	1.782	380.000
382.000	563.7966	312.1078	391.1184	3.9328	0.3122	0.5212	364.38	0.2183	279.0	236.15	0.6661	1.774	382.000
384.000	567.6313	312.6924	392.1608	3.9354	0.3122	0.5212	365.34	0.2192	280.2	238.74	0.6662	1.762	384.000
386.000	570.2173	313.3727	393.2031	3.9381	0.3122	0.5212	366.29	0.2201	281.3	240.81	0.6661	1.754	386.000
388.000	572.8271	314.0497	394.2455	3.9409	0.3122	0.5212	367.23	0.2210	282.5	242.90	0.6662	1.746	388.000
390.000	575.4608	314.7233	395.2878	3.9434	0.3122	0.5212	368.18	0.2219	283.6	245.01	0.6661	1.738	390.000
392.000	579.4578	315.2962	396.3302	3.9461	0.3122	0.5212	369.12	0.2228	284.7	247.71	0.6660	1.726	392.000
394.000	582.1522	315.8712	397.3726	3.9486	0.3122	0.5212	370.06	0.2237	285.9	249.87	0.6661	1.718	394.000
396.000	584.8725	316.5325	398.4147	3.9514	0.3122	0.5212	371.00	0.2246	287.0	252.05	0.6660	1.710	396.000
398.000	587.6184	317.1985	399.4570	3.9539	0.3122	0.5212	371.94	0.2255	288.2	254.25	0.6661	1.702	398.000
400.000	590.3902	317.8448	400.4994	3.9566	0.3122	0.5212	372.87	0.2264	289.3	256.47	0.6660	1.694	400.000

THERMODYNAMIC PROPERTIES OF ARGON

1.5 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
86.000	0.7137	72.1614	72.2684	1.3428	0.9037	1.3112	606.63	1.3043	2697.8	0.71	2.7121	1401.000	86.000
87.000	0.7169	73.4666	73.5681	1.3578	0.8634	1.2837	607.76	1.2863	2617.9	0.72	2.6125	1394.932	87.000
88.000	0.7201	74.7725	74.8685	1.3715	0.8273	1.2681	614.56	1.2688	2541.5	0.73	2.5241	1388.752	88.000
89.000	0.7233	76.0802	76.0887	1.3856	0.7948	1.2486	620.54	1.2518	2468.6	0.73	2.4465	1382.560	89.000
90.000	0.7266	77.2123	77.3213	1.3993	0.7657	1.2241	625.64	1.2351	2398.5	0.73	2.3771	1376.305	90.000
91.000	0.7299	78.4286	78.5381	1.4128	0.7400	1.2106	629.77	1.2189	2331.4	0.73	2.3155	1370.009	91.000
• 91.168	0.7305	78.6283	78.7299	1.4148	0.7366	1.2088	630.31	1.2163	2320.9	0.73	2.3066	1368.994	91.168
• 91.168	126.8718	219.1397	237.2784	3.1541	0.3478	0.6818	173.81	0.0619	75.8	12.45	0.7360	8.273	91.168
92.000	122.1186	219.4566	237.7731	3.1596	0.3454	0.5978	173.97	0.0624	76.4	12.75	0.7319	8.189	92.000
93.000	123.6175	219.8265	238.3691	3.1661	0.3437	0.5948	175.18	0.0629	77.2	13.09	0.7291	8.089	93.000
94.000	125.1627	220.1865	238.9669	3.1724	0.3422	0.5905	176.21	0.0635	78.0	13.46	0.7254	7.996	94.000
95.000	126.6829	220.5467	239.5491	3.1786	0.3407	0.5873	177.31	0.0640	78.7	13.81	0.7222	7.894	95.000
96.000	128.1748	220.9069	240.1352	3.1846	0.3392	0.5843	178.41	0.0646	79.5	14.17	0.7190	7.802	96.000
97.000	129.6351	221.2724	240.7177	3.1906	0.3379	0.5813	179.49	0.0651	80.3	14.52	0.7178	7.714	97.000
98.000	131.1291	221.6286	241.2979	3.1967	0.3367	0.5788	180.56	0.0657	81.1	14.89	0.7144	7.626	98.000
99.000	132.6579	221.9762	241.8749	3.2024	0.3354	0.5762	181.62	0.0662	81.9	15.24	0.7129	7.538	99.000
100.000	134.0798	222.3378	242.4497	3.2082	0.3344	0.5737	182.67	0.0668	82.6	15.61	0.7095	7.458	100.000
101.000	135.6042	222.6815	243.0222	3.2139	0.3334	0.5715	183.71	0.0674	83.4	15.99	0.7072	7.374	101.000
102.000	137.0895	223.0292	243.5927	3.2194	0.3324	0.5695	184.74	0.0679	84.2	16.35	0.7062	7.295	102.000
103.000	138.5389	223.3813	244.1609	3.2249	0.3314	0.5675	185.76	0.0685	85.0	16.72	0.7042	7.219	103.000
104.000	140.0030	223.7262	244.7268	3.2304	0.3307	0.5655	186.78	0.0691	85.8	17.11	0.7022	7.143	104.000
105.000	141.4268	224.0774	245.2914	3.2358	0.3297	0.5637	187.79	0.0697	86.5	17.49	0.6996	7.071	105.000
106.000	142.8798	224.4221	245.8541	3.2412	0.3289	0.5620	188.78	0.0702	87.3	17.85	0.6989	6.999	106.000
107.000	144.3535	224.7689	246.4153	3.2465	0.3282	0.5602	189.77	0.0708	88.1	18.24	0.6971	6.927	107.000
108.000	145.7923	225.1068	246.9748	3.2517	0.3274	0.5587	190.76	0.0714	88.9	18.63	0.6957	6.859	108.000
109.000	147.2583	225.4458	247.5325	3.2567	0.3269	0.5575	191.73	0.0720	89.7	19.02	0.6945	6.791	109.000
110.000	148.7376	225.7786	248.0892	3.2617	0.3262	0.5560	192.70	0.0726	90.5	19.42	0.6931	6.723	110.000
111.000	150.1652	226.1194	248.6442	3.2667	0.3257	0.5547	193.67	0.0731	91.2	19.79	0.6921	6.659	111.000
112.000	151.6286	226.4551	249.1982	3.2718	0.3249	0.5536	194.62	0.0737	92.0	20.19	0.6909	6.595	112.000
113.000	153.0187	226.7993	249.7509	3.2768	0.3244	0.5522	195.57	0.0743	92.8	20.59	0.6897	6.535	113.000
114.000	154.5219	227.1243	250.3026	3.2815	0.3239	0.5512	196.51	0.0749	93.6	21.00	0.6888	6.472	114.000
115.000	155.9689	227.4728	250.8531	3.2863	0.3234	0.5500	197.45	0.0755	94.4	21.40	0.6876	6.416	115.000
116.000	157.3384	227.8018	251.4026	3.2910	0.3229	0.5490	198.38	0.0761	95.2	21.81	0.6867	6.356	116.000
117.000	158.7352	228.1485	251.9508	3.2958	0.3227	0.5480	199.30	0.0767	96.0	22.22	0.6858	6.300	117.000
118.000	160.2596	228.4593	252.4982	3.3005	0.3222	0.5472	200.22	0.0772	96.8	22.61	0.6861	6.240	118.000
119.000	161.6845	228.8043	253.0449	3.3050	0.3217	0.5462	201.13	0.0778	97.5	23.02	0.6846	6.188	119.000
120.000	163.0784	229.1286	253.5904	3.3096	0.3214	0.5455	202.04	0.0784	98.3	23.44	0.6839	6.132	120.000
121.000	164.4714	229.4647	254.1354	3.3141	0.3209	0.5445	202.95	0.0790	99.1	23.86	0.6830	6.080	121.000
122.000	165.8883	229.7961	254.6793	3.3186	0.3207	0.5437	203.84	0.0796	99.9	24.29	0.6824	6.028	122.000
123.000	167.3298	230.1238	255.2225	3.3231	0.3202	0.5430	204.73	0.0802	100.7	24.72	0.6817	5.976	123.000
124.000	168.7966	230.4457	255.7652	3.3273	0.3199	0.5422	205.62	0.0808	101.5	25.15	0.6811	5.924	124.000
125.000	170.1736	230.7811	256.3072	3.3316	0.3197	0.5417	206.50	0.0814	102.3	25.57	0.6808	5.876	125.000
126.000	171.5733	231.1124	256.8484	3.3361	0.3194	0.5410	207.38	0.0820	103.1	26.01	0.6801	5.828	126.000
127.000	172.9961	231.4394	257.3889	3.3403	0.3192	0.5405	208.25	0.0826	103.9	26.44	0.6798	5.780	127.000
128.000	174.4428	231.7626	257.9290	3.3446	0.3189	0.5397	209.12	0.0832	104.6	26.89	0.6786	5.733	128.000

THERMODYNAMIC PROPERTIES OF ARGON

1.5 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
129.000	176.7963	232.6997	258.4683	3.3486	0.3187	0.5392	209.99	0.0838	105.4	27.32	0.6782	5.669	129.000
130.000	177.2843	232.4146	259.0072	3.3529	0.3184	0.5387	210.84	0.0844	106.2	27.78	0.6778	5.641	130.000
131.000	178.6763	232.7442	259.5457	3.3569	0.3182	0.5382	211.78	0.0850	107.0	28.22	0.6775	5.597	131.000
132.000	180.0982	233.0698	260.0833	3.3611	0.3179	0.5377	212.65	0.0856	107.8	28.67	0.6771	5.553	132.000
133.000	181.5268	233.3915	260.6205	3.3651	0.3177	0.5372	213.48	0.0862	108.6	29.13	0.6768	5.509	133.000
134.000	182.9528	233.7293	261.1572	3.3691	0.3174	0.5367	214.24	0.0868	109.4	29.57	0.6764	5.469	134.000
135.000	184.3339	234.0436	261.6937	3.3731	0.3172	0.5362	215.08	0.0874	110.2	30.05	0.6761	5.425	135.000
136.000	185.7014	234.3747	262.2299	3.3769	0.3172	0.5357	215.91	0.0880	111.0	30.51	0.6757	5.385	136.000
137.000	187.0893	234.7017	262.7651	3.3809	0.3169	0.5354	216.74	0.0886	111.7	30.96	0.6756	5.345	137.000
138.000	188.4981	235.0256	263.3003	3.3846	0.3167	0.5349	217.57	0.0892	112.5	31.43	0.6747	5.305	138.000
139.000	189.9283	235.3457	263.8350	3.3887	0.3167	0.5347	218.39	0.0898	113.3	31.90	0.6746	5.265	139.000
140.000	191.2341	235.6648	264.3691	3.3924	0.3164	0.5342	219.21	0.0903	114.1	32.33	0.6750	5.229	140.000
141.000	192.7863	235.9974	264.9034	3.3962	0.3162	0.5339	220.03	0.0909	114.9	32.81	0.6749	5.189	141.000
142.000	194.0507	236.3292	265.4368	3.3999	0.3162	0.5334	220.84	0.0915	115.7	33.28	0.6746	5.153	142.000
143.000	195.5667	236.6353	265.9703	3.4037	0.3159	0.5332	221.65	0.0921	116.5	33.78	0.6745	5.113	143.000
144.000	196.9516	236.9684	266.5032	3.4074	0.3159	0.5329	222.45	0.0927	117.2	34.26	0.6738	5.077	144.000
145.000	198.3561	237.2822	267.0356	3.4112	0.3157	0.5324	223.26	0.0933	118.0	34.76	0.6734	5.041	145.000
146.000	199.6216	237.6248	267.5681	3.4147	0.3157	0.5322	224.05	0.0939	118.8	35.22	0.6733	5.009	146.000
147.000	201.0646	237.9463	268.1000	3.4184	0.3154	0.5319	224.85	0.0945	119.6	35.72	0.6732	4.974	147.000
148.000	202.5287	238.2527	268.6320	3.4219	0.3154	0.5317	225.64	0.0951	120.4	36.22	0.6731	4.938	148.000
149.000	203.8481	238.5862	269.1634	3.4255	0.3152	0.5314	226.43	0.0957	121.2	36.71	0.6730	4.906	149.000
150.000	205.3531	238.8916	269.6946	3.4290	0.3152	0.5312	227.22	0.0963	121.9	37.23	0.6724	4.870	150.000
151.000	206.7697	239.2191	270.2256	3.4325	0.3149	0.5309	228.00	0.0969	122.7	37.73	0.6723	4.838	151.000
152.000	208.0843	239.5433	270.7560	3.4360	0.3149	0.5307	228.78	0.0975	123.5	38.23	0.6722	4.806	152.000
153.000	209.4774	239.8648	271.2864	3.4395	0.3149	0.5304	229.56	0.0981	124.3	38.74	0.6721	4.774	153.000
154.000	210.8892	240.1832	271.8166	3.4430	0.3147	0.5302	230.33	0.0987	125.1	39.26	0.6720	4.742	154.000
155.000	212.3281	240.4988	272.3468	3.4462	0.3147	0.5299	231.10	0.0993	125.8	39.78	0.6714	4.710	155.000
156.000	213.5882	240.8382	272.8765	3.4497	0.3147	0.5297	231.87	0.0999	126.6	40.28	0.6713	4.682	156.000
157.000	215.0562	241.1477	273.4062	3.4530	0.3144	0.5297	232.63	0.1005	127.4	40.80	0.6715	4.650	157.000
158.000	216.3573	241.4628	273.9356	3.4565	0.3144	0.5294	233.39	0.1011	128.2	41.31	0.6714	4.622	158.000
159.000	217.8637	241.7852	274.4648	3.4597	0.3144	0.5292	234.15	0.1017	129.0	41.87	0.6712	4.590	159.000
160.000	219.1991	242.1141	274.9940	3.4630	0.3142	0.5289	234.91	0.1023	129.7	42.39	0.6706	4.562	160.000
161.000	220.5518	242.4480	275.5227	3.4663	0.3142	0.5289	235.66	0.1029	130.5	42.91	0.6708	4.534	161.000
162.000	221.9197	242.7684	276.0514	3.4695	0.3142	0.5287	236.41	0.1035	131.3	43.44	0.6707	4.506	162.000
163.000	223.3055	243.0848	276.5798	3.4728	0.3142	0.5284	237.16	0.1041	132.0	43.99	0.6701	4.478	163.000
164.000	224.7086	243.4019	277.1082	3.4760	0.3139	0.5284	237.91	0.1047	132.8	44.52	0.6703	4.450	164.000
165.000	226.1296	243.7178	277.6364	3.4793	0.3139	0.5282	238.65	0.1052	133.6	45.04	0.6700	4.422	165.000
166.000	227.5686	244.0293	278.1646	3.4825	0.3139	0.5279	239.39	0.1058	134.4	45.61	0.6700	4.394	166.000
167.000	228.8167	244.3698	278.6923	3.4855	0.3139	0.5279	240.13	0.1064	135.1	46.12	0.6703	4.370	167.000
168.000	230.2982	244.6767	279.2202	3.4888	0.3137	0.5277	240.86	0.1070	135.9	46.70	0.6702	4.342	168.000
169.000	231.5684	245.0127	279.7479	3.4918	0.3137	0.5277	241.60	0.1076	136.7	47.22	0.6704	4.318	169.000
170.000	233.0777	245.3137	280.2754	3.4950	0.3137	0.5274	242.33	0.1082	137.4	47.81	0.6698	4.290	170.000
171.000	234.3871	245.6447	280.8028	3.4980	0.3137	0.5272	243.06	0.1088	138.2	48.37	0.6698	4.266	171.000
172.000	235.7113	245.9733	281.3300	3.5011	0.3137	0.5272	243.78	0.1094	139.0	48.91	0.6698	4.242	172.000
173.000	237.2763	246.2656	281.8569	3.5041	0.3137	0.5269	244.50	0.1100	139.7	49.53	0.6692	4.215	173.000

THERMODYNAMIC PROPERTIES OF ARGON

1.5 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
174.000	238.6324	246.5898	282.3838	3.5071	0.3134	0.5269	245.23	0.1106	140.5	50.09	0.6694	4.191	174.000
176.000	240.6052	246.9166	282.9188	3.5101	0.3134	0.5267	245.94	0.1111	141.3	50.63	0.6699	4.167	176.000
176.000	241.3939	247.2284	283.4374	3.5131	0.3134	0.5267	246.66	0.1117	142.0	51.20	0.6696	4.143	176.000
177.000	242.7987	247.5441	283.9639	3.5161	0.3134	0.5267	247.37	0.1123	142.8	51.77	0.6697	4.119	177.000
178.000	243.9819	247.8933	284.4986	3.5191	0.3134	0.5264	248.09	0.1129	143.6	52.32	0.6696	4.099	178.000
179.000	245.4171	248.2842	285.0168	3.5221	0.3134	0.5264	248.80	0.1135	144.3	52.91	0.6693	4.075	179.000
180.000	246.8698	248.5125	285.5429	3.5248	0.3132	0.5262	249.50	0.1141	145.1	53.53	0.6691	4.051	180.000
181.000	248.0926	248.8555	286.0694	3.5278	0.3132	0.5262	250.21	0.1147	145.8	54.08	0.6689	4.031	181.000
182.000	249.5767	249.1588	286.5953	3.5308	0.3132	0.5259	250.91	0.1152	146.6	54.67	0.6693	4.007	182.000
183.000	251.0787	249.4594	287.1212	3.5336	0.3132	0.5259	251.61	0.1158	147.4	55.28	0.6696	3.983	183.000
184.000	252.3442	249.7965	287.6472	3.5363	0.3132	0.5259	252.31	0.1164	148.1	55.85	0.6692	3.963	184.000
185.000	253.8225	250.1296	288.1729	3.5394	0.3132	0.5257	253.01	0.1170	148.9	56.45	0.6690	3.943	185.000
186.000	255.1737	250.4225	288.6985	3.5421	0.3132	0.5257	253.70	0.1176	149.6	57.08	0.6687	3.919	186.000
187.000	256.4818	250.7521	289.2242	3.5449	0.3132	0.5257	254.40	0.1181	150.4	57.62	0.6696	3.899	187.000
188.000	257.9817	251.0794	289.7497	3.5476	0.3129	0.5254	255.09	0.1187	151.1	58.24	0.6689	3.879	188.000
189.000	259.1368	251.4047	290.2751	3.5504	0.3129	0.5254	255.78	0.1193	151.9	58.84	0.6690	3.859	189.000
190.000	260.4043	251.7279	290.8005	3.5531	0.3129	0.5254	256.46	0.1199	152.6	59.44	0.6687	3.839	190.000
191.000	261.8467	252.0487	291.3257	3.5559	0.3129	0.5252	257.15	0.1205	153.4	60.08	0.6686	3.819	191.000
192.000	263.2284	252.3674	291.8509	3.5586	0.3129	0.5252	257.83	0.1210	154.1	60.65	0.6688	3.799	192.000
193.000	264.6148	252.6839	292.3761	3.5614	0.3129	0.5252	258.51	0.1216	154.9	61.27	0.6690	3.779	193.000
194.000	266.0207	252.9979	292.9010	3.5641	0.3129	0.5249	259.19	0.1222	155.6	61.93	0.6684	3.759	194.000
195.000	267.4417	253.3099	293.4262	3.5669	0.3129	0.5249	259.87	0.1228	156.4	62.56	0.6686	3.739	195.000
196.000	268.8788	253.6194	293.9511	3.5694	0.3129	0.5249	260.54	0.1233	157.1	63.16	0.6688	3.719	196.000
197.000	270.3298	253.9263	294.4758	3.5721	0.3129	0.5249	261.22	0.1239	157.8	63.81	0.6686	3.699	197.000
198.000	271.6926	254.2764	295.0000	3.5746	0.3129	0.5247	261.89	0.1245	158.6	64.42	0.6684	3.683	198.000
199.000	272.9838	254.5780	295.5264	3.5774	0.3127	0.5247	262.56	0.1251	159.3	65.09	0.6681	3.663	199.000
200.000	274.1798	254.9238	296.0498	3.5799	0.3127	0.5247	263.23	0.1256	160.1	65.63	0.6688	3.647	200.000
202.000	279.3811	255.1966	297.1032	3.5869	0.3127	0.5244	264.56	0.1268	161.6	67.55	0.6684	3.579	202.000
204.000	281.8988	255.8674	298.1521	3.5919	0.3127	0.5244	265.88	0.1279	163.0	68.75	0.6684	3.547	204.000
206.000	284.7843	256.4836	299.2007	3.5972	0.3127	0.5242	267.20	0.1291	164.5	70.14	0.6679	3.511	206.000
208.000	287.7384	257.0895	300.2491	3.6022	0.3127	0.5242	268.51	0.1302	166.0	71.47	0.6683	3.475	208.000
210.000	290.4987	257.7373	301.2974	3.6072	0.3127	0.5242	269.81	0.1313	167.4	72.74	0.6683	3.444	210.000
212.000	293.1211	258.3771	302.3453	3.6122	0.3127	0.5239	271.11	0.1325	168.9	74.13	0.6679	3.412	212.000
214.000	295.8929	259.0092	303.3932	3.6170	0.3127	0.5239	272.40	0.1336	170.3	75.45	0.6679	3.380	214.000
216.000	298.7177	259.6331	304.4408	3.6220	0.3127	0.5237	273.68	0.1347	171.8	76.84	0.6679	3.348	216.000
218.000	301.5969	260.2486	305.4881	3.6267	0.3124	0.5237	274.96	0.1358	173.2	78.21	0.6679	3.316	218.000
220.000	304.1621	260.9112	306.5355	3.6315	0.3124	0.5237	276.23	0.1369	174.7	79.51	0.6683	3.288	220.000
222.000	307.1478	261.5184	307.5826	3.6362	0.3124	0.5234	277.50	0.1381	176.1	81.04	0.6675	3.256	222.000
224.000	309.8687	262.1584	308.6297	3.6407	0.3124	0.5234	278.75	0.1392	177.5	82.39	0.6674	3.228	224.000
226.000	312.5161	262.7992	309.6766	3.6455	0.3124	0.5234	280.01	0.1403	179.0	83.77	0.6678	3.200	226.000
228.000	315.2713	263.4325	310.7232	3.6500	0.3124	0.5234	281.25	0.1414	180.4	85.17	0.6678	3.172	228.000
230.000	318.0755	264.0584	311.7698	3.6548	0.3124	0.5232	282.50	0.1425	181.8	86.64	0.6675	3.144	230.000
232.000	320.9386	264.6766	312.8161	3.6593	0.3124	0.5232	283.73	0.1436	183.2	88.09	0.6675	3.116	232.000
234.000	323.4179	265.3498	313.8625	3.6635	0.3124	0.5232	284.96	0.1447	184.7	89.45	0.6678	3.092	234.000
236.000	326.3695	265.9532	314.9086	3.6680	0.3124	0.5232	286.19	0.1458	186.1	90.95	0.6678	3.064	236.000

THERMODYNAMIC PROPERTIES OF ARGON

1.5 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
238.000	328.9427	266.6133	315.9547	3.6725	0.3124	0.5229	287.41	0.1469	187.5	92.41	0.6676	3.040	238.000
240.000	331.9966	267.2813	317.0068	3.6768	0.3124	0.5229	288.62	0.1480	188.9	93.96	0.6674	3.012	240.000
242.000	334.6597	267.8475	318.0464	3.6810	0.3124	0.5229	289.83	0.1491	190.3	95.42	0.6674	2.988	242.000
244.000	337.3658	268.4874	319.0923	3.6855	0.3124	0.5229	291.03	0.1501	191.7	96.84	0.6679	2.964	244.000
246.000	340.1161	269.1285	320.1379	3.6898	0.3124	0.5227	292.23	0.1512	193.1	98.39	0.6675	2.940	246.000
248.000	342.9116	269.7468	321.1835	3.6938	0.3124	0.5227	293.42	0.1523	194.4	99.92	0.6672	2.916	248.000
250.000	345.7533	270.3659	322.2289	3.6981	0.3124	0.5227	294.61	0.1534	195.8	101.47	0.6671	2.892	250.000
252.000	348.6427	270.9778	323.2742	3.7023	0.3124	0.5227	295.80	0.1545	197.2	103.06	0.6671	2.868	252.000
254.000	351.6976	271.6562	324.3194	3.7063	0.3124	0.5227	296.98	0.1555	198.6	104.45	0.6676	2.848	254.000
256.000	354.8671	272.2546	325.3647	3.7105	0.3122	0.5227	298.15	0.1566	199.9	106.08	0.6672	2.824	256.000
258.000	356.5889	272.9215	326.4098	3.7146	0.3122	0.5224	299.32	0.1577	201.3	107.64	0.6669	2.804	258.000
260.000	359.6638	273.5852	327.4547	3.7186	0.3122	0.5224	300.48	0.1587	202.7	109.26	0.6673	2.780	260.000
262.000	362.2655	274.1660	328.4998	3.7226	0.3122	0.5224	301.64	0.1598	204.0	110.81	0.6669	2.760	262.000
264.000	364.9659	274.8685	329.5444	3.7266	0.3122	0.5224	302.80	0.1608	205.4	112.32	0.6673	2.740	264.000
266.000	367.5951	275.4515	330.5892	3.7305	0.3122	0.5224	303.95	0.1619	206.7	113.91	0.6670	2.720	266.000
268.000	370.8525	276.0960	331.6339	3.7344	0.3122	0.5224	305.09	0.1629	208.1	115.64	0.6674	2.696	268.000
270.000	373.0632	276.7192	332.6787	3.7381	0.3122	0.5224	306.24	0.1640	209.4	117.11	0.6671	2.681	270.000
272.000	375.8648	277.3435	333.7231	3.7421	0.3122	0.5222	307.37	0.1650	210.8	118.77	0.6671	2.661	272.000
274.000	378.7672	277.9616	334.7677	3.7459	0.3122	0.5222	308.51	0.1661	212.1	120.46	0.6668	2.641	274.000
276.000	381.5937	278.5736	335.8120	3.7496	0.3122	0.5222	309.64	0.1671	213.4	122.11	0.6669	2.621	276.000
278.000	384.5245	279.1777	336.8564	3.7534	0.3122	0.5222	310.76	0.1681	214.8	123.79	0.6672	2.601	278.000
280.000	386.9818	279.8655	337.9008	3.7571	0.3122	0.5222	311.88	0.1692	216.1	125.37	0.6669	2.585	280.000
282.000	389.9150	280.4579	338.9451	3.7609	0.3122	0.5222	313.00	0.1702	217.4	127.09	0.6670	2.565	282.000
284.000	392.3596	281.1353	339.9892	3.7644	0.3122	0.5222	314.11	0.1712	218.7	128.64	0.6671	2.549	284.000
286.000	395.4588	281.7145	341.0333	3.7681	0.3122	0.5222	315.22	0.1722	220.0	130.41	0.6671	2.529	286.000
288.000	397.9737	282.3814	342.0774	3.7717	0.3122	0.5219	316.32	0.1733	221.3	132.14	0.6665	2.513	288.000
290.000	401.1626	282.9471	343.1215	3.7754	0.3122	0.5219	317.42	0.1743	222.6	133.97	0.6666	2.493	290.000
292.000	403.7587	283.6028	344.1654	3.7789	0.3122	0.5219	318.52	0.1753	223.9	135.61	0.6666	2.477	292.000
294.000	406.8725	284.2536	345.2095	3.7824	0.3122	0.5219	319.61	0.1763	225.2	137.27	0.6667	2.461	294.000
296.000	409.0285	284.8991	346.2534	3.7859	0.3122	0.5219	320.70	0.1773	226.5	138.95	0.6668	2.445	296.000
298.000	411.7195	285.5393	347.2972	3.7894	0.3122	0.5219	321.79	0.1783	227.8	140.65	0.6668	2.429	298.000
300.000	414.4461	286.1739	348.3408	3.7929	0.3122	0.5219	322.87	0.1793	229.1	142.38	0.6669	2.413	300.000
302.000	417.2091	286.8033	349.3847	3.7964	0.3122	0.5219	323.94	0.1803	230.4	144.12	0.6670	2.397	302.000
304.000	420.0091	287.4269	350.4283	3.7999	0.3122	0.5219	325.02	0.1813	231.7	145.90	0.6670	2.381	304.000
306.000	422.8470	288.0451	351.4722	3.8032	0.3122	0.5219	326.09	0.1823	233.0	147.69	0.6671	2.365	306.000
308.000	425.7235	288.6572	352.5157	3.8067	0.3122	0.5219	327.16	0.1833	234.2	149.51	0.6669	2.349	308.000
310.000	428.6394	289.2634	353.5594	3.8100	0.3122	0.5217	328.22	0.1843	235.5	151.43	0.6666	2.333	310.000
312.000	431.5527	289.9748	354.6027	3.8135	0.3122	0.5217	329.28	0.1853	236.8	153.04	0.6667	2.321	312.000
314.000	433.8396	290.5704	355.6463	3.8167	0.3122	0.5217	330.34	0.1863	238.0	154.93	0.6664	2.305	314.000
316.000	436.8681	291.1595	356.6897	3.8200	0.3122	0.5217	331.39	0.1873	239.3	156.85	0.6665	2.289	316.000
318.000	439.1674	291.8579	357.7330	3.8232	0.3122	0.5217	332.44	0.1883	240.5	158.52	0.6663	2.277	318.000
320.000	442.2711	292.4388	358.7766	3.8265	0.3122	0.5217	333.48	0.1892	241.8	160.48	0.6667	2.261	320.000
322.000	444.6278	293.1256	359.8198	3.8297	0.3122	0.5217	334.53	0.1902	243.0	162.11	0.6665	2.249	322.000
324.000	447.8894	293.6917	360.8631	3.8330	0.3122	0.5217	335.57	0.1912	244.3	164.13	0.6666	2.233	324.000
326.000	450.2256	294.3726	361.9065	3.8362	0.3122	0.5217	336.60	0.1922	245.5	165.87	0.6663	2.221	326.000

THERMODYNAMIC PROPERTIES OF ARGON

1.6 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
328.000	462.6686	296.0494	362.9496	3.8392	0.3122	0.5217	337.84	0.1931	246.8	167.58	0.6668	2.209	328.000
330.000	466.9662	296.5986	363.9929	3.8426	0.3122	0.5217	338.67	0.1941	248.0	169.66	0.6666	2.193	330.000
332.000	458.4715	296.2653	365.0360	3.8457	0.3122	0.5217	339.69	0.1951	249.2	171.48	0.6663	2.181	332.000
334.000	461.0045	296.9285	366.0791	3.8488	0.3122	0.5217	340.72	0.1960	250.5	173.20	0.6667	2.169	334.000
336.000	464.4257	297.4584	367.1222	3.8518	0.3122	0.5217	341.74	0.1970	251.7	175.38	0.6665	2.153	336.000
338.000	467.8251	298.1116	368.1653	3.8550	0.3122	0.5214	342.75	0.1979	252.9	177.25	0.6663	2.141	338.000
340.000	469.6537	298.7664	369.2084	3.8580	0.3122	0.5214	343.77	0.1989	254.1	179.15	0.6661	2.129	340.000
342.000	472.3121	299.4647	370.2516	3.8610	0.3122	0.5214	344.78	0.1998	255.3	180.98	0.6663	2.117	342.000
344.000	475.9008	300.0443	371.2944	3.8640	0.3122	0.5214	345.79	0.2008	256.5	182.92	0.6661	2.105	344.000
346.000	477.7203	300.6795	372.3375	3.8670	0.3122	0.5214	346.79	0.2017	257.8	184.79	0.6665	2.093	346.000
348.000	480.4711	301.3097	373.3804	3.8700	0.3122	0.5214	347.80	0.2027	259.0	186.78	0.6663	2.081	348.000
350.000	483.2537	301.9352	374.4232	3.8730	0.3122	0.5214	348.80	0.2036	260.2	188.69	0.6664	2.069	350.000
352.000	486.0688	302.5560	375.4663	3.8760	0.3122	0.5214	349.79	0.2046	261.4	190.73	0.6662	2.057	352.000
354.000	488.9169	303.1717	376.5092	3.8790	0.3122	0.5214	350.79	0.2055	262.6	192.69	0.6663	2.045	354.000
356.000	491.7985	303.7823	377.5521	3.8819	0.3122	0.5214	351.78	0.2064	263.8	194.67	0.6664	2.033	356.000
358.000	494.7385	304.5338	378.5946	3.8848	0.3122	0.5214	352.76	0.2074	265.0	196.39	0.6662	2.025	358.000
360.000	496.6774	305.1359	379.6375	3.8876	0.3122	0.5214	353.75	0.2083	266.1	198.41	0.6661	2.013	360.000
362.000	499.6516	305.7326	380.6804	3.8906	0.3122	0.5214	354.73	0.2092	267.3	200.46	0.6662	2.001	362.000
364.000	502.6615	306.3238	381.7230	3.8933	0.3122	0.5214	355.71	0.2101	268.5	202.54	0.6664	1.989	364.000
366.000	504.6884	307.0626	382.7658	3.8963	0.3122	0.5214	356.69	0.2111	269.7	204.32	0.6662	1.981	366.000
368.000	507.7595	307.6445	383.8084	3.8991	0.3122	0.5214	357.66	0.2120	270.9	206.44	0.6663	1.969	368.000
370.000	510.8683	308.2208	384.8510	3.9018	0.3122	0.5214	358.63	0.2129	272.0	208.59	0.6662	1.957	370.000
372.000	512.9628	308.9496	385.8939	3.9046	0.3122	0.5214	359.60	0.2138	273.2	210.33	0.6663	1.949	372.000
374.000	516.1349	309.5163	386.9365	3.9073	0.3122	0.5214	360.57	0.2147	274.4	212.52	0.6664	1.937	374.000
376.000	518.2721	310.2383	387.9791	3.9100	0.3122	0.5214	361.53	0.2156	275.5	214.38	0.6663	1.929	376.000
378.000	521.5113	310.7950	389.0217	3.9131	0.3122	0.5212	362.49	0.2166	276.7	216.74	0.6658	1.918	378.000
380.000	523.6934	311.5103	390.0643	3.9158	0.3122	0.5212	363.45	0.2175	277.9	218.55	0.6659	1.910	380.000
382.000	527.0089	312.0665	391.1067	3.9183	0.3122	0.5212	364.41	0.2184	279.0	220.84	0.6658	1.898	382.000
384.000	529.2292	312.7649	392.1493	3.9211	0.3122	0.5212	365.36	0.2193	280.2	222.69	0.6659	1.890	384.000
386.000	532.6073	313.3668	393.1919	3.9239	0.3122	0.5212	366.31	0.2202	281.3	225.03	0.6658	1.878	386.000
388.000	534.8834	314.0017	394.2343	3.9266	0.3122	0.5212	367.26	0.2211	282.5	226.91	0.6659	1.870	388.000
390.000	538.3342	314.5267	395.2768	3.9291	0.3122	0.5212	368.21	0.2220	283.6	229.31	0.6658	1.858	390.000
392.000	540.6597	315.2283	396.3192	3.9319	0.3122	0.5212	369.15	0.2229	284.8	231.23	0.6659	1.850	392.000
394.000	543.9852	315.9168	397.3615	3.9344	0.3122	0.5212	370.09	0.2238	285.9	233.17	0.6658	1.842	394.000
396.000	546.5621	316.4199	398.4042	3.9371	0.3122	0.5212	371.03	0.2246	287.0	235.54	0.6660	1.830	396.000
398.000	548.9593	317.1026	399.4465	3.9396	0.3122	0.5212	371.97	0.2255	288.2	237.52	0.6661	1.822	398.000
400.000	551.3776	317.7823	400.4889	3.9424	0.3122	0.5212	372.90	0.2264	289.3	239.52	0.6660	1.814	400.000

THERMODYNAMIC PROPERTIES OF ARGON

1.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
86.000	0.7137	72.1618	72.2752	1.3428	0.9034	1.3112	666.31	1.3043	2698.1	0.71	2.7124	1401.116	86.000
87.000	0.7169	73.4572	73.5719	1.3578	0.8631	1.2834	666.86	1.2864	2618.3	0.72	2.6122	1394.976	87.000
88.000	0.7266	74.7261	74.8413	1.3713	0.8268	1.2601	614.88	1.2689	2542.8	0.73	2.5244	1388.808	88.000
89.000	0.7233	75.9798	76.0947	1.3856	0.7945	1.2404	626.66	1.2518	2468.8	0.73	2.4462	1382.584	89.000
90.000	0.7266	77.2088	77.3258	1.3993	0.7655	1.2241	625.81	1.2352	2398.9	0.73	2.3773	1376.353	90.000
91.000	0.7299	78.4263	78.5431	1.4128	0.7397	1.2106	629.89	1.2189	2331.6	0.73	2.3157	1370.037	91.000
* 91.830	0.7327	79.4282	79.5454	1.4239	0.7202	1.2013	632.83	1.2057	2277.7	0.74	2.2694	1364.756	91.830
* 91.830	113.9397	219.2569	237.4872	3.1438	0.3482	0.6043	173.45	0.0625	76.4	11.78	0.7387	8.777	91.830
92.000	114.1475	219.3235	237.5871	3.1448	0.3488	0.6038	173.64	0.0626	76.5	11.83	0.7379	8.761	92.000
93.000	115.5784	219.6974	238.1866	3.1511	0.3459	0.5998	174.78	0.0631	77.3	12.16	0.7348	8.653	93.000
94.000	116.9745	220.0766	238.7859	3.1576	0.3442	0.5968	175.96	0.0637	78.0	12.50	0.7298	8.549	94.000
95.000	118.4132	220.4336	239.3797	3.1639	0.3427	0.5923	177.02	0.0642	78.8	12.84	0.7278	8.445	95.000
96.000	119.8383	220.7974	239.9782	3.1701	0.3412	0.5898	178.12	0.0648	79.6	13.18	0.7235	8.345	96.000
97.000	121.2238	221.1613	240.5569	3.1761	0.3399	0.5866	179.21	0.0653	80.4	13.51	0.7215	8.249	97.000
98.000	122.6494	221.5187	241.1425	3.1821	0.3384	0.5836	180.29	0.0659	81.1	13.86	0.7175	8.153	98.000
99.000	124.0463	221.8758	241.7232	3.1879	0.3372	0.5803	181.35	0.0665	81.9	14.22	0.7146	8.062	99.000
100.000	125.4135	222.2361	242.3022	3.1939	0.3359	0.5778	182.42	0.0670	82.7	14.54	0.7131	7.974	100.000
101.000	126.8113	222.5892	242.8796	3.1994	0.3349	0.5752	183.47	0.0676	83.5	14.90	0.7106	7.888	101.000
102.000	128.2486	222.9345	243.4536	3.2052	0.3339	0.5730	184.51	0.0681	84.2	15.24	0.7085	7.798	102.000
103.000	129.6868	223.2938	244.0247	3.2107	0.3329	0.5707	185.54	0.0687	85.0	15.60	0.7062	7.718	103.000
104.000	130.9919	223.6358	244.5945	3.2162	0.3319	0.5687	186.56	0.0693	85.8	15.96	0.7042	7.634	104.000
105.000	132.3773	223.9821	245.1624	3.2217	0.3309	0.5667	187.57	0.0699	86.6	16.33	0.7021	7.554	105.000
106.000	133.7289	224.3326	245.7279	3.2269	0.3302	0.5650	188.58	0.0704	87.4	16.66	0.7014	7.478	106.000
107.000	135.0928	224.6772	246.2919	3.2322	0.3294	0.5632	189.57	0.0710	88.2	17.03	0.6997	7.402	107.000
108.000	136.4915	225.0158	246.8544	3.2375	0.3287	0.5617	190.56	0.0716	88.9	17.40	0.6975	7.326	108.000
109.000	137.8444	225.3598	247.4149	3.2427	0.3279	0.5600	191.55	0.0721	89.7	17.75	0.6967	7.255	109.000
110.000	139.2244	225.6985	247.9743	3.2477	0.3272	0.5585	192.52	0.0727	90.5	18.12	0.6952	7.183	110.000
111.000	140.5533	226.0433	248.5318	3.2527	0.3264	0.5572	193.49	0.0733	91.3	18.49	0.6941	7.115	111.000
112.000	141.9078	226.3831	249.0883	3.2577	0.3259	0.5557	194.45	0.0739	92.1	18.87	0.6926	7.047	112.000
113.000	143.2887	226.7171	249.6433	3.2627	0.3254	0.5545	195.40	0.0745	92.9	19.25	0.6914	6.979	113.000
114.000	144.6132	227.0589	250.1976	3.2675	0.3247	0.5532	196.35	0.0751	93.7	19.63	0.6902	6.915	114.000
115.000	145.9624	227.3960	250.7500	3.2723	0.3242	0.5522	197.29	0.0756	94.4	19.98	0.6895	6.851	115.000
116.000	147.3369	227.7275	251.3014	3.2770	0.3237	0.5510	198.23	0.0762	95.2	20.38	0.6883	6.787	116.000
117.000	148.6493	228.0668	251.8519	3.2818	0.3232	0.5500	199.15	0.0768	96.0	20.76	0.6875	6.727	117.000
118.000	149.9853	228.4035	252.4011	3.2865	0.3229	0.5490	200.08	0.0774	96.8	21.15	0.6866	6.667	118.000
119.000	151.3455	228.7343	252.9496	3.2910	0.3224	0.5480	200.99	0.0780	97.6	21.54	0.6857	6.607	119.000
120.000	152.7306	229.0682	253.4978	3.2958	0.3219	0.5472	201.91	0.0786	98.4	21.94	0.6851	6.547	120.000
121.000	154.0464	229.3961	254.0435	3.3003	0.3217	0.5462	202.81	0.0792	99.2	22.34	0.6841	6.492	121.000
122.000	155.3851	229.7276	254.5892	3.3045	0.3212	0.5455	203.71	0.0798	100.0	22.73	0.6835	6.436	122.000
123.000	156.7473	230.0549	255.1344	3.3091	0.3209	0.5447	204.61	0.0803	100.7	23.11	0.6831	6.380	123.000
124.000	158.0337	230.3936	255.6784	3.3136	0.3204	0.5440	205.50	0.0809	101.5	23.50	0.6825	6.328	124.000
125.000	159.3414	230.7272	256.2218	3.3178	0.3202	0.5432	206.38	0.0815	102.3	23.91	0.6818	6.276	125.000
126.000	160.6710	231.0574	256.7648	3.3221	0.3199	0.5425	207.27	0.0821	103.1	24.32	0.6812	6.224	126.000
127.000	162.0229	231.3831	257.3067	3.3263	0.3197	0.5417	208.14	0.0827	103.9	24.74	0.6806	6.172	127.000
128.000	163.3978	231.7045	257.8482	3.3306	0.3192	0.5412	209.01	0.0833	104.7	25.15	0.6802	6.120	128.000

THERMODYNAMIC PROPERTIES OF ARGON

1.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
129.000	164.6878	232.0386	250.3886	3.3348	0.3189	0.5405	209.88	0.0839	105.5	25.57	0.6796	6.072	129.000
130.000	165.9983	232.3691	250.9289	3.3391	0.3187	0.5400	210.74	0.0845	106.3	25.98	0.6793	6.024	130.000
131.000	167.3298	232.6958	259.4685	3.3431	0.3184	0.5395	211.60	0.0851	107.1	26.40	0.6789	5.976	131.000
132.000	168.6829	233.0182	260.0075	3.3474	0.3182	0.5387	212.45	0.0857	107.8	26.84	0.6776	5.928	132.000
133.000	170.0580	233.3367	260.5460	3.3514	0.3179	0.5382	213.30	0.0863	108.6	27.27	0.6773	5.880	133.000
134.000	171.3384	233.6697	261.0839	3.3554	0.3179	0.5377	214.15	0.0869	109.4	27.69	0.6769	5.836	134.000
135.000	172.6382	233.9992	261.6213	3.3594	0.3177	0.5372	214.99	0.0875	110.2	28.12	0.6766	5.792	135.000
136.000	173.9579	234.3253	262.1585	3.3631	0.3174	0.5369	215.82	0.0881	111.0	28.54	0.6765	5.749	136.000
137.000	175.2979	234.6471	262.6947	3.3671	0.3172	0.5364	216.66	0.0887	111.8	28.98	0.6762	5.705	137.000
138.000	176.6587	234.9658	263.2312	3.3711	0.3169	0.5359	217.49	0.0893	112.6	29.44	0.6758	5.661	138.000
139.000	177.9143	235.3006	263.7669	3.3749	0.3169	0.5354	218.31	0.0899	113.4	29.87	0.6754	5.621	139.000
140.000	179.1879	235.6318	264.3018	3.3786	0.3167	0.5352	219.13	0.0905	114.1	30.30	0.6748	5.581	140.000
141.000	180.6180	235.9394	264.8378	3.3824	0.3164	0.5347	219.95	0.0911	114.9	30.77	0.6744	5.537	141.000
142.000	181.9225	236.2639	265.3715	3.3862	0.3164	0.5344	220.77	0.0917	115.7	31.21	0.6743	5.497	142.000
143.000	183.2543	236.5852	265.9059	3.3899	0.3162	0.5339	221.58	0.0923	116.5	31.68	0.6739	5.457	143.000
144.000	184.4697	236.9245	266.4396	3.3937	0.3162	0.5337	222.38	0.0929	117.3	32.11	0.6739	5.421	144.000
145.000	185.8392	237.2388	266.9731	3.3974	0.3159	0.5334	223.19	0.0935	118.1	32.57	0.6738	5.381	145.000
146.000	187.0893	237.5728	267.5063	3.4009	0.3159	0.5332	223.99	0.0940	118.8	32.98	0.6739	5.345	146.000
147.000	188.4001	237.8795	268.0392	3.4047	0.3157	0.5327	224.78	0.0946	119.6	33.48	0.6735	5.305	147.000
148.000	189.7043	238.2062	268.5717	3.4082	0.3157	0.5324	225.58	0.0952	120.4	33.93	0.6734	5.269	148.000
149.000	191.0081	238.5297	269.1038	3.4119	0.3154	0.5322	226.37	0.0958	121.2	34.40	0.6733	5.233	149.000
150.000	192.4100	238.8504	269.6356	3.4154	0.3154	0.5319	227.16	0.0964	122.0	34.87	0.6732	5.197	150.000
151.000	193.7503	239.1674	270.1674	3.4189	0.3152	0.5317	227.94	0.0970	122.8	35.35	0.6731	5.161	151.000
152.000	194.9675	239.5067	270.6989	3.4224	0.3152	0.5314	228.72	0.0976	123.5	35.80	0.6725	5.129	152.000
153.000	196.3337	239.8167	271.2301	3.4260	0.3149	0.5312	229.50	0.0982	124.3	36.30	0.6724	5.093	153.000
154.000	197.5733	240.1493	271.7610	3.4292	0.3149	0.5309	230.27	0.0988	125.1	36.77	0.6723	5.061	154.000
155.000	198.9068	240.4638	272.2917	3.4327	0.3149	0.5307	231.05	0.0994	125.9	37.27	0.6722	5.025	155.000
156.000	200.2603	240.7885	272.8222	3.4362	0.3147	0.5304	231.81	0.1000	126.7	37.75	0.6721	4.994	156.000
157.000	201.5503	241.1046	273.3526	3.4395	0.3147	0.5302	232.58	0.1006	127.4	38.24	0.6714	4.962	157.000
158.000	202.8569	241.4254	273.8825	3.4430	0.3147	0.5299	233.34	0.1012	128.2	38.74	0.6713	4.930	158.000
159.000	204.1806	241.7436	274.4125	3.4462	0.3144	0.5297	234.10	0.1018	129.0	39.24	0.6712	4.898	159.000
160.000	205.5217	242.0587	274.9421	3.4495	0.3144	0.5297	234.86	0.1024	129.8	39.73	0.6714	4.866	160.000
161.000	206.7897	242.3906	275.4716	3.4527	0.3144	0.5294	235.62	0.1030	130.6	40.21	0.6708	4.838	161.000
162.000	208.0843	242.7073	276.0008	3.4560	0.3142	0.5292	236.37	0.1036	131.3	40.74	0.6707	4.806	162.000
163.000	209.3822	243.0418	276.5300	3.4592	0.3142	0.5289	237.12	0.1042	132.1	41.23	0.6706	4.778	163.000
164.000	210.7116	243.3451	277.0589	3.4625	0.3142	0.5289	237.87	0.1047	132.9	41.71	0.6714	4.746	164.000
165.000	211.9666	243.6736	277.5873	3.4658	0.3142	0.5287	238.61	0.1053	133.6	42.22	0.6708	4.718	165.000
166.000	213.2244	244.0001	278.1156	3.4690	0.3139	0.5284	239.35	0.1059	134.4	42.73	0.6707	4.690	166.000
167.000	214.5034	244.3239	278.6445	3.4723	0.3139	0.5284	240.09	0.1065	135.2	43.23	0.6708	4.662	167.000
168.000	215.7978	244.6456	279.1726	3.4753	0.3139	0.5282	240.83	0.1071	135.9	43.76	0.6702	4.634	168.000
169.000	217.1079	244.9636	279.7009	3.4783	0.3139	0.5279	241.56	0.1077	136.7	44.29	0.6701	4.606	169.000
170.000	218.4341	245.2793	280.2288	3.4815	0.3137	0.5279	242.29	0.1083	137.5	44.81	0.6703	4.578	170.000
171.000	219.7765	245.5922	280.7565	3.4845	0.3137	0.5277	243.02	0.1089	138.2	45.36	0.6697	4.550	171.000
172.000	221.1355	245.9025	281.2841	3.4875	0.3137	0.5277	243.75	0.1095	139.0	45.89	0.6698	4.522	172.000
173.000	222.3139	246.2414	281.8116	3.4905	0.3137	0.5274	244.47	0.1101	139.8	46.41	0.6697	4.498	173.000

THERMODYNAMIC PROPERTIES OF ARGON

1.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
174.000	223.7646	246.5463	282.3396	3.4936	0.3137	0.5274	245.19	0.1186	140.5	46.91	0.6700	4.470	174.000
176.000	224.9105	246.8885	282.8662	3.4965	0.3137	0.5272	245.91	0.1112	141.3	47.44	0.6699	4.446	176.000
176.000	226.3340	247.1888	283.3934	3.4996	0.3134	0.5272	246.63	0.1118	142.1	48.00	0.6701	4.418	176.000
177.000	227.5686	247.5096	283.9206	3.5026	0.3134	0.5269	247.35	0.1124	142.8	48.54	0.6695	4.394	177.000
178.000	228.8167	247.8306	284.4473	3.5056	0.3134	0.5269	248.06	0.1130	143.6	49.07	0.6696	4.370	178.000
179.000	230.0785	248.1617	284.9742	3.5086	0.3134	0.5267	248.77	0.1136	144.3	49.63	0.6690	4.346	179.000
180.000	231.3544	248.4839	285.5006	3.5113	0.3134	0.5267	249.48	0.1142	145.1	50.16	0.6692	4.322	180.000
181.000	232.6444	248.8042	286.0273	3.5143	0.3134	0.5264	250.19	0.1147	145.9	50.69	0.6696	4.298	181.000
182.000	233.9490	249.1219	286.5537	3.5173	0.3132	0.5264	250.89	0.1153	146.6	51.24	0.6693	4.274	182.000
183.000	235.2683	249.4373	287.0802	3.5201	0.3132	0.5264	251.59	0.1159	147.4	51.80	0.6695	4.250	183.000
184.000	236.6025	249.7500	287.6064	3.5228	0.3132	0.5262	252.29	0.1165	148.1	52.39	0.6689	4.226	184.000
185.000	237.9519	250.0603	288.1326	3.5258	0.3132	0.5262	252.99	0.1171	148.9	52.96	0.6691	4.203	185.000
186.000	239.3163	250.4846	288.6588	3.5286	0.3132	0.5259	253.68	0.1176	149.6	53.46	0.6690	4.183	186.000
187.000	240.6963	250.7181	289.1847	3.5313	0.3132	0.5259	254.38	0.1182	150.4	54.04	0.6692	4.159	187.000
188.000	241.8663	251.0127	289.7104	3.5341	0.3132	0.5259	255.07	0.1188	151.1	54.63	0.6689	4.135	188.000
189.000	243.8344	251.3500	290.2363	3.5371	0.3132	0.5257	255.76	0.1194	151.9	55.20	0.6688	4.115	189.000
190.000	244.4584	251.6486	290.7620	3.5399	0.3129	0.5257	256.45	0.1200	152.6	55.80	0.6685	4.091	190.000
191.000	245.8579	251.9824	291.2877	3.5426	0.3129	0.5257	257.13	0.1205	153.4	56.31	0.6692	4.071	191.000
192.000	246.8693	252.3148	291.8131	3.5451	0.3129	0.5254	257.82	0.1211	154.1	56.90	0.6686	4.051	192.000
193.000	248.0926	252.6435	292.3383	3.5479	0.3129	0.5254	258.50	0.1217	154.9	57.46	0.6688	4.031	193.000
194.000	249.5767	252.9817	292.8640	3.5506	0.3129	0.5254	259.18	0.1223	155.6	58.09	0.6685	4.007	194.000
195.000	250.8271	253.2568	293.3891	3.5534	0.3129	0.5252	259.86	0.1228	156.4	58.65	0.6689	3.987	195.000
196.000	252.0981	253.5799	293.9143	3.5559	0.3129	0.5252	260.53	0.1234	157.1	59.23	0.6686	3.967	196.000
197.000	253.3658	253.9018	294.4395	3.5586	0.3129	0.5252	261.21	0.1240	157.9	59.82	0.6688	3.947	197.000
198.000	254.6546	254.2197	294.9644	3.5614	0.3129	0.5252	261.88	0.1246	158.6	60.42	0.6685	3.927	198.000
199.000	255.9565	254.5368	295.4896	3.5639	0.3129	0.5249	262.55	0.1251	159.4	61.00	0.6689	3.907	199.000
200.000	257.2718	254.8511	296.0146	3.5666	0.3129	0.5249	263.22	0.1257	160.1	61.61	0.6686	3.887	200.000
202.000	261.8467	255.1738	297.0684	3.5734	0.3127	0.5247	264.55	0.1268	161.6	63.28	0.6687	3.819	202.000
204.000	264.3352	255.8242	298.1178	3.5784	0.3127	0.5247	265.87	0.1280	163.1	64.49	0.6686	3.783	204.000
206.000	266.8715	256.4675	299.1669	3.5837	0.3127	0.5244	267.19	0.1291	164.5	65.78	0.6682	3.747	206.000
208.000	269.4569	257.1027	300.2158	3.5887	0.3127	0.5244	268.50	0.1303	166.0	66.95	0.6681	3.711	208.000
210.000	272.0929	257.7298	301.2646	3.5937	0.3127	0.5244	269.81	0.1314	167.5	68.17	0.6685	3.675	210.000
212.000	274.7809	258.3481	302.3130	3.5987	0.3127	0.5242	271.10	0.1325	168.9	69.46	0.6682	3.639	212.000
214.000	277.2153	259.0069	303.3614	3.6034	0.3127	0.5242	272.39	0.1336	170.4	70.65	0.6686	3.607	214.000
216.000	280.0061	259.6065	304.4095	3.6084	0.3127	0.5239	273.68	0.1348	171.8	72.04	0.6677	3.571	216.000
218.000	282.5343	260.2518	305.4573	3.6132	0.3127	0.5239	274.96	0.1359	173.3	73.29	0.6681	3.539	218.000
220.000	285.1067	260.8878	306.5052	3.6180	0.3124	0.5239	276.23	0.1370	174.7	74.55	0.6681	3.507	220.000
222.000	287.7304	261.5159	307.5528	3.6227	0.3124	0.5237	277.49	0.1381	176.1	75.88	0.6678	3.475	222.000
224.000	290.4067	262.1368	308.6002	3.6272	0.3124	0.5237	278.75	0.1392	177.6	77.19	0.6681	3.444	224.000
226.000	293.1211	262.7481	309.6475	3.6320	0.3124	0.5237	280.01	0.1403	179.0	78.53	0.6681	3.412	226.000
228.000	295.5436	263.4077	310.6946	3.6365	0.3124	0.5234	281.26	0.1415	180.4	79.89	0.6673	3.384	228.000
230.000	298.0665	264.0665	311.7415	3.6412	0.3124	0.5234	282.50	0.1426	181.8	81.19	0.6673	3.356	230.000
232.000	300.8719	264.6469	312.7884	3.6457	0.3124	0.5234	283.74	0.1437	183.3	82.60	0.6677	3.324	232.000
234.000	303.4247	265.2878	313.8350	3.6502	0.3124	0.5234	284.97	0.1448	184.7	83.94	0.6677	3.296	234.000
236.000	306.0213	265.9182	314.8816	3.6546	0.3124	0.5232	286.19	0.1458	186.1	85.28	0.6678	3.268	236.000

THERMODYNAMIC PROPERTIES OF ARGON

1.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
238.000	308.6627	266.5422	315.9282	3.6590	0.3124	0.5232	287.41	0.1469	187.5	86.67	0.6678	3.240	238.000
240.000	311.3500	267.1583	316.9743	3.6633	0.3124	0.5232	288.63	0.1480	188.9	88.68	0.6678	3.212	240.000
242.000	313.6918	267.8299	318.0204	3.6676	0.3124	0.5232	289.84	0.1491	190.3	89.45	0.6677	3.188	242.000
244.000	316.4878	268.4326	319.0668	3.6720	0.3124	0.5229	291.04	0.1502	191.7	90.90	0.6674	3.160	244.000
246.000	318.8859	269.0969	320.1126	3.6763	0.3124	0.5229	292.24	0.1513	193.1	92.26	0.6674	3.136	246.000
248.000	321.3420	269.7437	321.1585	3.6805	0.3124	0.5229	293.43	0.1524	194.5	93.65	0.6674	3.112	248.000
250.000	324.2557	270.3232	322.2041	3.6845	0.3124	0.5229	294.62	0.1534	195.8	95.12	0.6675	3.084	250.000
252.000	326.7958	270.9627	323.2500	3.6888	0.3124	0.5229	295.81	0.1545	197.2	96.55	0.6675	3.060	252.000
254.000	329.3756	271.5952	324.2953	3.6928	0.3124	0.5227	296.99	0.1556	198.6	98.05	0.6671	3.036	254.000
256.000	331.9966	272.2215	325.3409	3.6971	0.3124	0.5227	298.16	0.1566	200.0	99.47	0.6675	3.012	256.000
258.000	334.6597	272.8407	326.3863	3.7011	0.3122	0.5227	299.33	0.1577	201.3	100.97	0.6672	2.988	258.000
260.000	336.9118	273.5258	327.4316	3.7051	0.3122	0.5227	300.49	0.1588	202.7	102.36	0.6672	2.968	260.000
262.000	339.6546	274.1328	328.4767	3.7091	0.3122	0.5227	301.65	0.1598	204.1	103.84	0.6675	2.944	262.000
264.000	342.4424	274.7311	329.5219	3.7131	0.3122	0.5227	302.81	0.1609	205.4	105.42	0.6672	2.920	264.000
266.000	344.9009	275.3988	330.5670	3.7169	0.3122	0.5224	303.96	0.1619	206.8	106.85	0.6673	2.900	266.000
268.000	347.6742	275.9642	331.6121	3.7208	0.3122	0.5224	305.11	0.1630	208.1	108.48	0.6676	2.876	268.000
270.000	350.1855	276.6451	332.6570	3.7246	0.3122	0.5224	306.25	0.1640	209.4	109.96	0.6671	2.856	270.000
272.000	352.5710	277.2982	333.7015	3.7286	0.3122	0.5224	307.39	0.1651	210.8	111.42	0.6670	2.836	272.000
274.000	355.0715	277.9350	334.7464	3.7324	0.3122	0.5224	308.52	0.1661	212.1	112.89	0.6671	2.816	274.000
276.000	357.6678	278.5738	335.7910	3.7361	0.3122	0.5224	309.65	0.1671	213.4	114.38	0.6672	2.796	276.000
278.000	360.1865	279.2078	336.8359	3.7399	0.3122	0.5224	310.78	0.1682	214.8	115.96	0.6672	2.776	278.000
280.000	362.7986	279.8337	337.8802	3.7436	0.3122	0.5222	311.90	0.1692	216.1	117.55	0.6669	2.756	280.000
282.000	365.4186	280.4547	338.9248	3.7474	0.3122	0.5222	313.01	0.1702	217.4	119.11	0.6670	2.736	282.000
284.000	368.1258	281.0691	339.9692	3.7511	0.3122	0.5222	314.13	0.1713	218.7	120.76	0.6667	2.716	284.000
286.000	370.8525	281.6772	341.0135	3.7546	0.3122	0.5222	315.23	0.1723	220.0	122.37	0.6667	2.696	286.000
288.000	373.6032	282.3078	342.0579	3.7584	0.3122	0.5222	316.34	0.1733	221.4	123.81	0.6671	2.681	288.000
290.000	376.3640	282.9648	343.1023	3.7619	0.3122	0.5222	317.44	0.1743	222.7	125.46	0.6672	2.661	290.000
292.000	378.7872	283.5532	344.1464	3.7654	0.3122	0.5222	318.54	0.1753	224.0	127.14	0.6672	2.641	292.000
294.000	381.6128	284.2284	345.1905	3.7692	0.3122	0.5222	319.63	0.1764	225.3	128.71	0.6669	2.625	294.000
296.000	383.3467	284.8991	346.2346	3.7727	0.3122	0.5219	320.72	0.1774	226.6	130.38	0.6667	2.609	296.000
298.000	386.3647	285.4699	347.2787	3.7762	0.3122	0.5219	321.80	0.1784	227.8	132.04	0.6665	2.589	298.000
300.000	388.7841	286.1361	348.3228	3.7794	0.3122	0.5219	322.89	0.1794	229.1	133.61	0.6665	2.573	300.000
302.000	391.1335	286.7853	349.3667	3.7829	0.3122	0.5219	323.96	0.1804	230.4	135.19	0.6666	2.557	302.000
304.000	394.2133	287.3364	350.4106	3.7864	0.3122	0.5219	325.04	0.1814	231.7	137.01	0.6667	2.537	304.000
306.000	396.7122	287.9884	351.4544	3.7899	0.3122	0.5219	326.11	0.1824	233.0	138.64	0.6667	2.521	306.000
308.000	399.2431	288.6193	352.4982	3.7932	0.3122	0.5219	327.18	0.1834	234.2	140.29	0.6665	2.505	308.000
310.000	401.8865	289.2631	353.5421	3.7967	0.3122	0.5219	328.24	0.1844	235.5	141.96	0.6666	2.489	310.000
312.000	404.4838	289.8812	354.5857	3.7999	0.3122	0.5219	329.30	0.1853	236.8	143.57	0.6670	2.473	312.000
314.000	407.0332	290.5043	355.6296	3.8032	0.3122	0.5219	330.36	0.1863	238.0	145.29	0.6668	2.457	314.000
316.000	409.6979	291.1215	356.6732	3.8064	0.3122	0.5219	331.41	0.1873	239.3	147.02	0.6668	2.441	316.000
318.000	411.7195	291.8416	357.7168	3.8097	0.3122	0.5217	332.46	0.1883	240.5	148.61	0.6663	2.429	318.000
320.000	414.4461	292.4498	358.7604	3.8132	0.3122	0.5217	333.51	0.1893	241.8	150.39	0.6664	2.413	320.000
322.000	417.2091	293.0583	359.8037	3.8162	0.3122	0.5217	334.55	0.1902	243.1	152.11	0.6668	2.397	322.000
324.000	420.0091	293.6459	360.8473	3.8195	0.3122	0.5217	335.59	0.1912	244.3	153.94	0.6666	2.381	324.000
326.000	422.1339	294.3492	361.8907	3.8227	0.3122	0.5217	336.62	0.1922	245.6	155.53	0.6663	2.369	326.000

THERMODYNAMIC PROPERTIES OF ARGON

1.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
328.000	425.0007	294.9339	362.9341	3.0260	0.3122	0.5217	337.66	0.1932	246.8	157.48	0.6664	2.353	328.000
330.000	427.1765	295.6294	363.9777	3.0298	0.3122	0.5217	338.69	0.1941	248.0	158.94	0.6665	2.341	330.000
332.000	430.1124	296.2928	365.0208	3.0322	0.3122	0.5217	339.72	0.1951	249.2	160.86	0.6663	2.325	332.000
334.000	432.3418	296.8896	366.0641	3.0362	0.3122	0.5217	340.74	0.1961	250.5	162.52	0.6664	2.313	334.000
336.000	435.3486	297.4517	367.1075	3.0385	0.3122	0.5217	341.76	0.1970	251.7	164.40	0.6665	2.297	336.000
338.000	437.6319	298.1297	368.1508	3.0415	0.3122	0.5217	342.78	0.1980	252.9	166.16	0.6663	2.285	338.000
340.000	439.9398	298.8036	369.1939	3.0445	0.3122	0.5217	343.79	0.1989	254.1	167.74	0.6665	2.273	340.000
342.000	443.0539	299.3484	370.2371	3.0475	0.3122	0.5217	344.80	0.1999	255.4	169.77	0.6665	2.257	342.000
344.000	445.4189	300.0134	371.2804	3.0500	0.3122	0.5217	345.81	0.2008	256.6	171.45	0.6666	2.245	344.000
346.000	447.8094	300.6748	372.3235	3.0530	0.3122	0.5217	346.82	0.2018	257.8	173.23	0.6664	2.233	346.000
348.000	450.2256	301.3365	373.3666	3.0560	0.3122	0.5214	347.82	0.2027	259.0	175.02	0.6663	2.221	348.000
350.000	453.4881	301.8513	374.4095	3.0595	0.3122	0.5214	348.82	0.2036	260.2	177.07	0.6664	2.205	350.000
352.000	455.9662	302.4988	375.4526	3.0625	0.3122	0.5214	349.82	0.2046	261.4	178.91	0.6662	2.193	352.000
354.000	458.4715	303.1402	376.4957	3.0655	0.3122	0.5214	350.81	0.2055	262.6	180.69	0.6663	2.181	354.000
356.000	461.0045	303.7778	377.5385	3.0685	0.3122	0.5214	351.80	0.2065	263.8	182.57	0.6661	2.169	356.000
358.000	463.5656	304.4111	378.5816	3.0713	0.3122	0.5214	352.79	0.2074	265.0	184.39	0.6662	2.157	358.000
360.000	466.1554	305.0396	379.6245	3.0743	0.3122	0.5214	353.77	0.2083	266.2	186.22	0.6664	2.145	360.000
362.000	468.7742	305.6635	380.6674	3.0770	0.3122	0.5214	354.76	0.2092	267.3	188.08	0.6662	2.133	362.000
364.000	471.4226	306.2826	381.7102	3.0800	0.3122	0.5214	355.74	0.2102	268.5	190.04	0.6660	2.121	364.000
366.000	473.2958	307.0483	382.7531	3.0828	0.3122	0.5214	356.71	0.2111	269.7	191.58	0.6662	2.113	366.000
368.000	475.9039	307.6513	383.7959	3.0856	0.3122	0.5214	357.69	0.2120	270.9	193.49	0.6663	2.101	368.000
370.000	478.5337	308.2574	384.8388	3.0886	0.3122	0.5214	358.66	0.2129	272.0	195.43	0.6662	2.089	370.000
372.000	481.3951	308.8584	385.8816	3.0913	0.3122	0.5214	359.63	0.2138	273.2	197.39	0.6663	2.077	372.000
374.000	484.1884	309.4541	386.9242	3.0941	0.3122	0.5214	360.59	0.2148	274.4	199.46	0.6661	2.065	374.000
376.000	486.8688	310.1961	387.9671	3.0969	0.3122	0.5214	361.56	0.2157	275.6	201.07	0.6662	2.057	376.000
378.000	488.9169	310.7832	389.0099	3.0996	0.3122	0.5214	362.52	0.2166	276.7	203.10	0.6661	2.045	378.000
380.000	491.7985	311.3648	390.0526	3.1023	0.3122	0.5214	363.48	0.2175	277.9	205.14	0.6662	2.033	380.000
382.000	493.7385	312.0978	391.0952	3.1051	0.3122	0.5214	364.43	0.2184	279.0	206.88	0.6661	2.025	382.000
384.000	496.6774	312.6694	392.1378	3.1078	0.3122	0.5214	365.39	0.2193	280.2	208.89	0.6662	2.013	384.000
386.000	499.6516	313.2364	393.1806	3.1103	0.3122	0.5214	366.34	0.2202	281.3	211.00	0.6661	2.001	386.000
388.000	501.6542	313.9583	394.2230	3.1131	0.3122	0.5214	367.29	0.2211	282.5	212.72	0.6662	1.993	388.000
390.000	504.6884	314.5154	395.2656	3.1158	0.3122	0.5212	368.23	0.2220	283.6	214.98	0.6658	1.981	390.000
392.000	506.7316	315.2311	396.3082	3.1183	0.3122	0.5212	369.18	0.2229	284.8	216.72	0.6659	1.973	392.000
394.000	509.8278	315.7784	397.3508	3.1211	0.3122	0.5212	370.12	0.2238	285.9	218.93	0.6658	1.961	394.000
396.000	511.9129	316.4873	398.3934	3.1236	0.3122	0.5212	371.06	0.2247	287.0	220.71	0.6657	1.953	396.000
398.000	515.0729	317.0243	399.4360	3.1264	0.3122	0.5212	371.99	0.2256	288.2	222.96	0.6658	1.941	398.000
400.000	517.2813	317.7261	400.4783	3.1289	0.3122	0.5212	372.93	0.2264	289.3	224.67	0.6660	1.933	400.000

THERMODYNAMIC PROPERTIES OF ARGON

1.7 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
86.000	0.7137	72.1554	72.2767	1.3417	0.9029	1.3112	666.66	1.3844	2698.6	0.71	2.7127	1401.176	86.000
87.000	0.7168	73.4548	73.5759	1.3568	0.8629	1.2834	668.28	1.2864	2618.6	0.72	2.6125	1395.008	87.000
88.000	0.7200	74.7251	74.8475	1.3713	0.8266	1.2661	615.12	1.2689	2542.3	0.73	2.5247	1388.848	88.000
89.000	0.7233	75.9758	76.0979	1.3856	0.7943	1.2484	621.84	1.2519	2469.3	0.73	2.4465	1382.644	89.000
90.000	0.7265	77.2068	77.3295	1.3993	0.7655	1.2241	625.99	1.2353	2399.1	0.73	2.3773	1376.376	90.000
91.000	0.7299	78.4223	78.5464	1.4128	0.7396	1.2166	630.16	1.2196	2331.9	0.73	2.3158	1370.081	91.000
92.000	0.7333	79.6258	79.7497	1.4259	0.7162	1.1996	633.54	1.2031	2267.3	0.74	2.2606	1363.729	92.000
* 92.488	0.7349	80.1962	80.3212	1.4321	0.7059	1.1951	634.86	1.1956	2237.4	0.74	2.2364	1360.685	92.488
* 92.488	107.7596	219.3766	237.6897	3.1338	0.3492	0.6075	173.85	0.0631	76.9	11.19	0.7404	9.288	92.488
93.000	106.4129	219.5767	238.0069	3.1373	0.3485	0.6065	174.45	0.0634	77.3	11.35	0.7383	9.224	93.000
94.000	109.7919	219.9438	238.6684	3.1436	0.3465	0.6015	175.59	0.0639	78.1	11.66	0.7352	9.108	94.000
95.000	111.1876	220.3267	239.2998	3.1501	0.3447	0.5975	176.72	0.0645	78.9	11.99	0.7309	9.000	95.000
96.000	112.4553	220.6871	239.9045	3.1561	0.3432	0.5940	177.83	0.0650	79.6	12.31	0.7274	8.892	96.000
97.000	113.7843	221.0532	240.5065	3.1624	0.3417	0.5908	178.93	0.0656	80.4	12.63	0.7241	8.789	97.000
98.000	115.1451	221.4111	240.9058	3.1684	0.3402	0.5875	180.02	0.0661	81.2	12.95	0.7217	8.685	98.000
99.000	116.4846	221.7691	241.5715	3.1744	0.3389	0.5845	181.10	0.0667	82.0	13.29	0.7186	8.585	99.000
100.000	117.8002	222.1285	242.1545	3.1801	0.3377	0.5818	182.17	0.0672	82.7	13.61	0.7159	8.489	100.000
101.000	119.0892	222.4899	242.7356	3.1859	0.3364	0.5793	183.22	0.0678	83.5	13.94	0.7134	8.397	101.000
102.000	120.4867	222.8437	243.3128	3.1916	0.3352	0.5767	184.27	0.0683	84.3	14.26	0.7119	8.305	102.000
103.000	121.6944	223.2000	243.8886	3.1972	0.3342	0.5742	185.31	0.0689	85.1	14.60	0.7093	8.217	103.000
104.000	123.0166	223.5491	244.4668	3.2027	0.3332	0.5722	186.34	0.0695	85.9	14.94	0.7073	8.129	104.000
105.000	124.3544	223.8920	245.0323	3.2082	0.3322	0.5700	187.36	0.0700	86.6	15.27	0.7052	8.042	105.000
106.000	125.6823	224.2486	245.6018	3.2137	0.3314	0.5680	188.37	0.0706	87.4	15.61	0.7031	7.962	106.000
107.000	126.9399	224.5882	246.1688	3.2189	0.3304	0.5662	189.37	0.0712	88.2	15.96	0.7014	7.878	107.000
108.000	128.2486	224.9328	246.7337	3.2242	0.3297	0.5645	190.37	0.0718	89.0	16.31	0.6997	7.798	108.000
109.000	129.5818	225.2818	247.2978	3.2292	0.3289	0.5627	191.36	0.0723	89.8	16.64	0.6989	7.722	109.000
110.000	130.7865	225.6258	247.8587	3.2345	0.3282	0.5612	192.34	0.0729	90.6	16.99	0.6975	7.646	110.000
111.000	132.0979	225.9623	248.4189	3.2395	0.3274	0.5597	193.31	0.0735	91.3	17.35	0.6953	7.570	111.000
112.000	133.3646	226.3057	248.9777	3.2445	0.3269	0.5582	194.28	0.0741	92.1	17.70	0.6938	7.498	112.000
113.000	134.6566	226.6439	249.5354	3.2496	0.3262	0.5570	195.23	0.0746	92.9	18.04	0.6936	7.426	113.000
114.000	135.8967	226.9873	250.0901	3.2542	0.3257	0.5555	196.19	0.0752	93.7	18.40	0.6921	7.358	114.000
115.000	137.1646	227.3284	250.6463	3.2592	0.3249	0.5542	197.13	0.0758	94.5	18.76	0.6909	7.291	115.000
116.000	138.4543	227.6626	251.1998	3.2640	0.3244	0.5532	198.07	0.0764	95.3	19.12	0.6901	7.223	116.000
117.000	139.7085	227.9916	251.7523	3.2687	0.3239	0.5525	199.01	0.0770	96.1	19.50	0.6889	7.155	117.000
118.000	141.0284	228.3289	252.3037	3.2733	0.3234	0.5510	199.93	0.0776	96.8	19.86	0.6873	7.091	118.000
119.000	142.3112	228.6618	252.8539	3.2780	0.3229	0.5500	200.85	0.0781	97.6	20.21	0.6873	7.027	119.000
120.000	143.5362	229.0022	253.4032	3.2825	0.3227	0.5490	201.77	0.0787	98.4	20.58	0.6864	6.967	120.000
121.000	144.7865	229.3389	253.9516	3.2870	0.3222	0.5486	202.68	0.0793	99.2	20.95	0.6855	6.907	121.000
122.000	146.0475	229.6707	254.4988	3.2915	0.3217	0.5472	203.58	0.0799	100.0	21.32	0.6849	6.847	122.000
123.000	147.3369	229.9983	255.0455	3.2960	0.3214	0.5462	204.48	0.0805	100.8	21.71	0.6839	6.787	123.000
124.000	148.5611	230.3361	255.5915	3.3005	0.3209	0.5455	205.38	0.0811	101.6	22.09	0.6833	6.731	124.000
125.000	149.8955	230.6548	256.1362	3.3048	0.3207	0.5447	206.27	0.0817	102.4	22.48	0.6827	6.671	125.000
126.000	151.0715	230.9985	256.6807	3.3091	0.3204	0.5446	207.15	0.0823	103.2	22.86	0.6821	6.619	126.000
127.000	152.3588	231.3231	257.2241	3.3133	0.3199	0.5432	208.03	0.0829	103.9	23.25	0.6808	6.563	127.000
128.000	153.6682	231.6432	257.7668	3.3176	0.3197	0.5425	208.90	0.0834	104.7	23.63	0.6810	6.508	128.000

THERMODYNAMIC PROPERTIES OF ARGON

1.7 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
129.000	154.9844	231.9758	258.3888	3.3218	0.3194	0.5428	209.77	0.0840	105.5	24.01	0.6807	6.456	129.000
130.000	156.1666	232.3832	258.8505	3.3261	0.3192	0.5412	210.64	0.0846	106.3	24.41	0.6800	6.404	130.000
131.000	157.3384	232.6439	259.3014	3.3301	0.3189	0.5407	211.50	0.0852	107.1	24.79	0.6797	6.356	131.000
132.000	158.5046	232.9635	259.9314	3.3343	0.3187	0.5400	212.35	0.0858	107.9	25.21	0.6790	6.304	132.000
133.000	159.6562	233.2966	260.4711	3.3383	0.3184	0.5395	213.21	0.0864	108.7	25.60	0.6787	6.256	133.000
134.000	161.0046	233.6259	261.0103	3.3423	0.3182	0.5390	214.05	0.0870	109.5	26.00	0.6783	6.208	134.000
135.000	162.3302	233.9515	261.5490	3.3463	0.3179	0.5384	214.90	0.0876	110.2	26.41	0.6774	6.160	135.000
136.000	163.6114	234.2733	262.0872	3.3504	0.3177	0.5379	215.74	0.0882	111.0	26.83	0.6770	6.112	136.000
137.000	164.9048	234.5909	262.6247	3.3541	0.3174	0.5374	216.57	0.0888	111.8	27.25	0.6767	6.064	137.000
138.000	166.1964	234.9234	263.1618	3.3581	0.3174	0.5369	217.40	0.0894	112.6	27.66	0.6763	6.020	138.000
139.000	167.3298	235.2525	263.6985	3.3619	0.3172	0.5364	218.23	0.0900	113.4	28.07	0.6759	5.976	139.000
140.000	168.5693	235.5780	264.2347	3.3659	0.3169	0.5362	219.05	0.0906	114.2	28.48	0.6759	5.932	140.000
141.000	169.8273	235.9001	264.7707	3.3696	0.3169	0.5357	219.87	0.0912	115.0	28.91	0.6755	5.888	141.000
142.000	171.1042	236.2184	265.3062	3.3734	0.3167	0.5354	220.69	0.0918	115.7	29.34	0.6748	5.844	142.000
143.000	172.2818	236.5534	265.8413	3.3771	0.3164	0.5349	221.50	0.0924	116.5	29.76	0.6745	5.804	143.000
144.000	173.5960	236.8644	266.3758	3.3809	0.3164	0.5347	222.31	0.0930	117.3	30.19	0.6744	5.761	144.000
145.000	174.8883	237.1920	266.9102	3.3846	0.3162	0.5342	223.12	0.0936	118.1	30.63	0.6740	5.721	145.000
146.000	176.0376	237.5178	267.4442	3.3882	0.3159	0.5339	223.92	0.0942	118.9	31.06	0.6739	5.681	146.000
147.000	177.2843	237.8395	267.9778	3.3919	0.3159	0.5337	224.72	0.0948	119.7	31.49	0.6739	5.641	147.000
148.000	178.5488	238.1598	268.5113	3.3954	0.3157	0.5332	225.51	0.0953	120.4	31.91	0.6736	5.601	148.000
149.000	179.7824	238.4948	269.0443	3.3989	0.3157	0.5329	226.31	0.0959	121.2	32.34	0.6735	5.565	149.000
150.000	181.0018	238.8069	269.5772	3.4027	0.3154	0.5327	227.10	0.0965	122.0	32.79	0.6735	5.525	150.000
151.000	182.1874	239.1376	270.1094	3.4062	0.3154	0.5324	227.88	0.0971	122.8	33.23	0.6734	5.489	151.000
152.000	183.5238	239.4427	270.6416	3.4097	0.3154	0.5322	228.66	0.0977	123.6	33.69	0.6733	5.449	152.000
153.000	184.7428	239.7674	271.1735	3.4129	0.3152	0.5319	229.44	0.0983	124.4	34.14	0.6732	5.413	153.000
154.000	185.9773	240.0891	271.7052	3.4164	0.3152	0.5317	230.22	0.0989	125.1	34.59	0.6725	5.377	154.000
155.000	187.0893	240.4315	272.2366	3.4199	0.3149	0.5314	230.99	0.0995	125.9	35.03	0.6724	5.345	155.000
156.000	188.3562	240.7473	272.7679	3.4235	0.3149	0.5312	231.76	0.1001	126.7	35.49	0.6723	5.309	156.000
157.000	189.6485	241.0599	273.2988	3.4267	0.3149	0.5309	232.53	0.1007	127.5	35.97	0.6722	5.273	157.000
158.000	190.7968	241.3937	273.8292	3.4300	0.3147	0.5307	233.30	0.1013	128.2	36.42	0.6716	5.241	158.000
159.000	192.1147	241.7001	274.3596	3.4335	0.3147	0.5304	234.06	0.1019	129.0	36.91	0.6715	5.205	159.000
160.000	193.3815	242.0288	274.8901	3.4367	0.3147	0.5302	234.82	0.1025	129.8	37.37	0.6714	5.173	160.000
161.000	194.5831	242.3545	275.4206	3.4400	0.3144	0.5299	235.57	0.1031	130.6	37.84	0.6713	5.141	161.000
162.000	195.7197	242.6776	275.9508	3.4432	0.3144	0.5297	236.33	0.1037	131.3	38.32	0.6707	5.109	162.000
163.000	196.9516	242.9976	276.4794	3.4465	0.3144	0.5297	237.08	0.1042	132.1	38.74	0.6715	5.077	163.000
164.000	198.1991	243.3158	277.0089	3.4497	0.3142	0.5294	237.82	0.1048	132.9	39.23	0.6714	5.045	164.000
165.000	199.4625	243.6296	277.5383	3.4530	0.3142	0.5292	238.57	0.1054	133.7	39.73	0.6713	5.013	165.000
166.000	200.7421	243.9411	278.0672	3.4562	0.3142	0.5289	239.31	0.1060	134.4	40.23	0.6707	4.982	166.000
167.000	201.8754	244.2773	278.5962	3.4592	0.3142	0.5289	240.05	0.1066	135.2	40.69	0.6708	4.954	167.000
168.000	203.1862	244.6832	279.1248	3.4625	0.3139	0.5287	240.79	0.1072	136.0	41.20	0.6707	4.922	168.000
169.000	204.3473	244.9145	279.6535	3.4655	0.3139	0.5284	241.53	0.1078	136.7	41.69	0.6701	4.894	169.000
170.000	205.5217	245.2433	280.1820	3.4688	0.3139	0.5284	242.26	0.1084	137.5	42.16	0.6703	4.866	170.000
171.000	206.8805	245.5405	280.7101	3.4718	0.3139	0.5282	242.99	0.1090	138.3	42.69	0.6702	4.834	171.000
172.000	208.0843	245.8648	281.2383	3.4748	0.3137	0.5282	243.72	0.1095	139.0	43.14	0.6705	4.806	172.000
173.000	209.3022	246.1849	281.7663	3.4778	0.3137	0.5279	244.44	0.1101	139.8	43.65	0.6703	4.778	173.000

THERMODYNAMIC PROPERTIES OF ARGON

1.7 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
174.000	210.5344	246.5034	282.2942	3.4810	0.3137	0.5279	245.16	0.1107	140.6	44.15	0.6705	4.750	174.000
176.000	211.7813	246.8191	282.6219	3.4846	0.3137	0.5277	245.89	0.1113	141.3	44.67	0.6699	4.722	176.000
176.000	212.8618	247.1631	283.3496	3.4878	0.3137	0.5274	246.60	0.1119	142.1	45.16	0.6698	4.698	176.000
177.000	214.1364	247.4739	283.6778	3.4898	0.3137	0.5274	247.32	0.1125	142.9	45.67	0.6700	4.678	177.000
178.000	215.4264	247.7817	284.4042	3.4928	0.3134	0.5272	248.03	0.1131	143.6	46.22	0.6694	4.642	178.000
179.000	216.5445	248.1188	284.9314	3.4958	0.3134	0.5272	248.74	0.1136	144.4	46.66	0.6701	4.618	179.000
180.000	217.8637	248.4215	285.4583	3.4988	0.3134	0.5269	249.45	0.1142	145.1	47.22	0.6695	4.598	180.000
181.000	219.0674	248.7542	285.9855	3.5016	0.3134	0.5269	250.16	0.1148	145.9	47.71	0.6697	4.568	181.000
182.000	220.1631	249.0845	286.5122	3.5046	0.3134	0.5269	250.87	0.1154	146.7	48.22	0.6699	4.542	182.000
183.000	221.5269	249.3793	287.0389	3.5073	0.3134	0.5267	251.57	0.1160	147.4	48.79	0.6693	4.514	183.000
184.000	222.7895	249.7058	287.5656	3.5103	0.3132	0.5267	252.27	0.1166	148.2	49.30	0.6694	4.496	184.000
185.000	223.9847	250.0285	288.0923	3.5131	0.3132	0.5264	252.97	0.1171	148.9	49.81	0.6694	4.466	185.000
186.000	225.1128	250.3495	288.6187	3.5158	0.3132	0.5264	253.66	0.1177	149.7	50.33	0.6696	4.442	186.000
187.000	226.3348	250.6681	289.1449	3.5188	0.3132	0.5264	254.36	0.1183	150.4	50.86	0.6693	4.418	187.000
188.000	227.5686	250.9844	289.6711	3.5216	0.3132	0.5262	255.05	0.1189	151.2	51.42	0.6691	4.394	188.000
189.000	228.8167	251.2984	290.1972	3.5243	0.3132	0.5262	255.74	0.1195	151.9	51.97	0.6688	4.378	189.000
190.000	230.0785	251.6098	290.7232	3.5271	0.3132	0.5259	256.43	0.1200	152.7	52.50	0.6693	4.348	190.000
191.000	231.1467	251.9552	291.2491	3.5298	0.3132	0.5259	257.12	0.1206	153.4	53.00	0.6690	4.326	191.000
192.000	232.4285	252.2822	291.7751	3.5326	0.3129	0.5259	257.80	0.1212	154.2	53.56	0.6691	4.302	192.000
193.000	233.7306	252.5965	292.3007	3.5353	0.3129	0.5257	258.48	0.1218	154.9	54.15	0.6685	4.278	193.000
194.000	234.8269	252.9061	292.8267	3.5378	0.3129	0.5257	259.16	0.1223	155.7	54.63	0.6692	4.258	194.000
195.000	236.1561	253.2956	293.3521	3.5406	0.3129	0.5257	259.84	0.1229	156.4	55.21	0.6690	4.234	195.000
196.000	237.2753	253.5416	293.8778	3.5434	0.3129	0.5254	260.52	0.1235	157.2	55.77	0.6688	4.216	196.000
197.000	238.4852	253.8743	294.4032	3.5461	0.3129	0.5254	261.19	0.1241	157.9	56.31	0.6685	4.196	197.000
198.000	239.7753	254.1866	294.9284	3.5488	0.3129	0.5254	261.87	0.1246	158.6	56.86	0.6688	4.171	198.000
199.000	240.9292	254.4959	295.4538	3.5514	0.3129	0.5254	262.54	0.1252	159.4	57.41	0.6690	4.151	199.000
200.000	242.0942	254.8238	295.9790	3.5539	0.3129	0.5252	263.21	0.1258	160.1	57.99	0.6684	4.131	200.000
202.000	246.3833	255.1482	297.0334	3.5606	0.3129	0.5252	264.54	0.1269	161.6	59.53	0.6688	4.059	202.000
204.000	248.8324	255.7828	298.0835	3.5656	0.3127	0.5249	265.87	0.1280	163.1	60.68	0.6689	4.019	204.000
206.000	251.0787	256.4497	299.1331	3.5709	0.3127	0.5249	267.18	0.1292	164.5	61.86	0.6684	3.983	206.000
208.000	253.6225	257.0669	300.1827	3.5759	0.3127	0.5247	268.50	0.1303	166.0	62.98	0.6684	3.943	208.000
210.000	256.2184	257.6747	301.2318	3.5809	0.3127	0.5247	269.80	0.1314	167.5	64.17	0.6688	3.903	210.000
212.000	258.6886	258.3188	302.2809	3.5859	0.3127	0.5244	271.10	0.1326	168.9	65.39	0.6688	3.867	212.000
214.000	261.0276	258.9549	303.3296	3.5907	0.3127	0.5244	272.39	0.1337	170.4	66.55	0.6684	3.831	214.000
216.000	263.5005	259.5831	304.3782	3.5957	0.3127	0.5242	273.68	0.1348	171.8	67.76	0.6681	3.795	216.000
218.000	266.0287	260.2038	305.4265	3.6004	0.3127	0.5242	274.95	0.1359	173.3	68.97	0.6684	3.759	218.000
220.000	268.3816	260.8636	306.4749	3.6052	0.3127	0.5242	276.23	0.1371	174.7	70.17	0.6679	3.727	220.000
222.000	270.9158	261.4672	307.5228	3.6099	0.3124	0.5239	277.49	0.1382	176.2	71.46	0.6680	3.691	222.000
224.000	273.2818	262.1129	308.5706	3.6147	0.3124	0.5239	278.76	0.1393	177.6	72.66	0.6680	3.659	224.000
226.000	275.6888	262.7511	309.6182	3.6192	0.3124	0.5239	280.01	0.1404	179.0	73.88	0.6680	3.627	226.000
228.000	278.1393	263.3822	310.6659	3.6240	0.3124	0.5237	281.26	0.1416	180.5	75.15	0.6680	3.595	228.000
230.000	280.6339	264.0055	311.7132	3.6285	0.3124	0.5237	282.50	0.1426	181.9	76.42	0.6680	3.563	230.000
232.000	283.1736	264.6211	312.7606	3.6330	0.3124	0.5237	283.74	0.1437	183.3	77.70	0.6680	3.531	232.000
234.000	285.4338	265.2837	313.8074	3.6375	0.3124	0.5234	284.97	0.1448	184.7	78.96	0.6677	3.503	234.000
236.000	288.0615	265.8841	314.8546	3.6420	0.3124	0.5234	286.20	0.1459	186.1	80.29	0.6677	3.471	236.000

THERMODYNAMIC PROPERTIES OF ARGON

1.7 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
238.000	290.4007	266.5333	315.9014	3.6462	0.3124	0.5234	287.42	0.1478	187.5	81.56	0.6676	3.444	238.000
240.000	292.7783	267.1757	316.9480	3.6597	0.3124	0.5234	288.63	0.1481	188.9	82.84	0.6676	3.416	240.000
242.000	295.1951	267.8112	317.9944	3.6650	0.3124	0.5232	289.84	0.1492	190.3	84.18	0.6673	3.388	242.000
244.000	297.6521	268.4481	319.0410	3.6593	0.3124	0.5232	291.05	0.1503	191.7	85.51	0.6673	3.360	244.000
246.000	300.1504	269.0815	320.0871	3.6635	0.3124	0.5232	292.25	0.1513	193.1	86.80	0.6677	3.332	246.000
248.000	302.6918	269.6766	321.1335	3.6678	0.3124	0.5232	293.44	0.1524	194.5	88.17	0.6677	3.304	248.000
250.000	304.9831	270.3466	322.1796	3.6720	0.3124	0.5229	294.63	0.1535	195.9	89.50	0.6674	3.280	250.000
252.000	307.5251	270.9462	323.2254	3.6760	0.3124	0.5229	295.82	0.1546	197.2	90.92	0.6676	3.252	252.000
254.000	309.9687	271.6038	324.2713	3.6803	0.3124	0.5229	296.99	0.1556	198.6	92.18	0.6674	3.228	254.000
256.000	312.5161	272.1894	325.3171	3.6843	0.3124	0.5229	298.17	0.1567	200.0	93.65	0.6674	3.200	256.000
258.000	314.8748	272.8340	326.3628	3.6883	0.3124	0.5229	299.34	0.1578	201.4	95.02	0.6674	3.176	258.000
260.000	317.2692	273.4726	327.4084	3.6923	0.3122	0.5227	300.51	0.1588	202.7	96.39	0.6672	3.152	260.000
262.000	319.7004	274.1049	328.4540	3.6963	0.3122	0.5227	301.67	0.1599	204.1	97.80	0.6672	3.128	262.000
264.000	322.1692	274.7306	329.4993	3.7003	0.3122	0.5227	302.82	0.1609	205.4	99.18	0.6672	3.104	264.000
266.000	324.6763	275.3497	330.5447	3.7043	0.3122	0.5227	303.97	0.1620	206.8	100.63	0.6672	3.080	266.000
268.000	327.2228	275.9619	331.5898	3.7081	0.3122	0.5227	305.12	0.1630	208.1	102.05	0.6673	3.056	268.000
270.000	329.8756	276.6413	332.6352	3.7121	0.3122	0.5227	306.26	0.1641	209.5	103.41	0.6673	3.036	270.000
272.000	331.9966	277.2466	333.6803	3.7158	0.3122	0.5224	307.40	0.1651	210.8	104.92	0.6670	3.012	272.000
274.000	334.2129	277.9089	334.7251	3.7196	0.3122	0.5224	308.53	0.1661	212.1	106.26	0.6671	2.992	274.000
276.000	336.9118	278.4952	335.7702	3.7236	0.3122	0.5224	309.66	0.1672	213.5	107.83	0.6671	2.968	276.000
278.000	339.1944	279.1528	336.8151	3.7273	0.3122	0.5224	310.79	0.1682	214.8	109.21	0.6672	2.948	278.000
280.000	341.5681	279.8036	337.8600	3.7311	0.3122	0.5224	311.91	0.1693	216.1	110.67	0.6668	2.928	280.000
282.000	343.8536	280.4494	338.9045	3.7348	0.3122	0.5224	313.03	0.1703	217.4	112.09	0.6669	2.908	282.000
284.000	346.7111	281.0883	339.9492	3.7384	0.3122	0.5224	314.14	0.1713	218.8	113.58	0.6673	2.884	284.000
286.000	349.1289	281.6418	340.9938	3.7421	0.3122	0.5222	315.25	0.1723	220.1	115.20	0.6670	2.864	286.000
288.000	351.5867	282.2697	342.0384	3.7456	0.3122	0.5222	316.36	0.1734	221.4	116.75	0.6667	2.844	288.000
290.000	353.5678	282.9766	343.0830	3.7494	0.3122	0.5222	317.46	0.1744	222.7	118.09	0.6668	2.828	290.000
292.000	356.0817	283.5934	344.1273	3.7529	0.3122	0.5222	318.55	0.1754	224.0	119.61	0.6669	2.808	292.000
294.000	358.6324	284.2842	345.1717	3.7564	0.3122	0.5222	319.65	0.1764	225.3	121.15	0.6669	2.788	294.000
296.000	361.2199	284.9887	346.2161	3.7599	0.3122	0.5222	320.74	0.1774	226.6	122.72	0.6670	2.768	296.000
298.000	363.3178	285.4966	347.2604	3.7634	0.3122	0.5222	321.82	0.1784	227.9	124.13	0.6671	2.752	298.000
300.000	365.9728	286.0891	348.3045	3.7669	0.3122	0.5222	322.90	0.1794	229.1	125.73	0.6668	2.732	300.000
302.000	368.1258	286.7673	349.3488	3.7704	0.3122	0.5222	323.98	0.1804	230.4	127.18	0.6669	2.716	302.000
304.000	370.8525	287.3478	350.3928	3.7739	0.3122	0.5219	325.06	0.1814	231.7	128.89	0.6667	2.696	304.000
306.000	373.0632	288.0161	351.4369	3.7772	0.3122	0.5219	326.13	0.1824	233.0	130.38	0.6667	2.681	306.000
308.000	375.8648	288.5841	352.4810	3.7807	0.3122	0.5219	327.20	0.1834	234.3	132.07	0.6668	2.661	308.000
310.000	378.1351	289.2419	353.5248	3.7839	0.3122	0.5219	328.26	0.1844	235.5	133.60	0.6666	2.645	310.000
312.000	380.4338	289.8949	354.5687	3.7874	0.3122	0.5219	329.32	0.1854	236.8	135.14	0.6666	2.629	312.000
314.000	382.7606	290.5432	355.6125	3.7907	0.3122	0.5219	330.38	0.1864	238.1	136.70	0.6667	2.613	314.000
316.000	385.1161	291.1868	356.6564	3.7939	0.3122	0.5219	331.43	0.1874	239.3	138.28	0.6665	2.597	316.000
318.000	388.1015	291.7236	357.7003	3.7972	0.3122	0.5219	332.48	0.1883	240.6	140.02	0.6669	2.577	318.000
320.000	390.5233	292.3551	358.7441	3.8004	0.3122	0.5219	333.53	0.1893	241.8	141.64	0.6667	2.561	320.000
322.000	392.3596	293.0865	359.7877	3.8037	0.3122	0.5219	334.57	0.1903	243.1	143.06	0.6667	2.549	322.000
324.000	394.8351	293.7694	360.8313	3.8069	0.3122	0.5219	335.61	0.1913	244.3	144.72	0.6665	2.533	324.000
326.000	397.3419	294.3268	361.8749	3.8102	0.3122	0.5219	336.65	0.1922	245.6	146.32	0.6669	2.517	326.000

THERMODYNAMIC PROPERTIES OF ARGON

1.7 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
328.000	399.8889	294.9388	362.9185	3.8182	0.3122	0.5217	337.68	0.1932	246.8	148.09	0.6664	2.501	328.000
330.000	402.4525	295.5452	363.9021	3.8165	0.3122	0.5217	338.71	0.1942	248.0	149.82	0.6662	2.485	330.000
332.000	405.0173	296.1488	365.0857	3.8197	0.3122	0.5217	339.74	0.1951	249.3	151.49	0.6666	2.469	332.000
334.000	407.5832	296.8535	366.0491	3.8227	0.3122	0.5217	340.76	0.1961	250.5	153.00	0.6664	2.457	334.000
336.000	409.0979	297.4441	367.0927	3.8257	0.3122	0.5217	341.78	0.1970	251.7	154.71	0.6665	2.441	336.000
338.000	411.7195	298.1437	368.1360	3.8290	0.3122	0.5217	342.80	0.1980	252.9	156.27	0.6663	2.429	338.000
340.000	414.4461	298.7236	369.1794	3.8320	0.3122	0.5217	343.81	0.1990	254.2	158.10	0.6664	2.413	340.000
342.000	417.2091	299.2972	370.2228	3.8350	0.3122	0.5217	344.83	0.1999	255.4	159.87	0.6665	2.397	342.000
344.000	419.3656	299.9842	371.2661	3.8380	0.3122	0.5217	345.83	0.2009	256.6	161.48	0.6663	2.385	344.000
346.000	421.4233	300.6673	372.3092	3.8410	0.3122	0.5217	346.84	0.2018	257.8	163.02	0.6664	2.373	346.000
348.000	424.2864	301.2249	373.3526	3.8440	0.3122	0.5217	347.84	0.2027	259.0	164.86	0.6666	2.357	348.000
350.000	426.4488	301.8994	374.3957	3.8470	0.3122	0.5217	348.84	0.2037	260.2	166.52	0.6664	2.345	350.000
352.000	428.6394	302.5783	375.4391	3.8500	0.3122	0.5217	349.84	0.2046	261.4	168.11	0.6665	2.333	352.000
354.000	431.5956	303.1169	376.4821	3.8530	0.3122	0.5217	350.83	0.2056	262.6	170.10	0.6663	2.317	354.000
356.000	433.8390	303.7726	377.5253	3.8558	0.3122	0.5217	351.82	0.2065	263.8	171.73	0.6664	2.305	356.000
358.000	436.1078	304.4382	378.5684	3.8588	0.3122	0.5214	352.81	0.2074	265.0	173.46	0.6662	2.293	358.000
360.000	438.3983	305.0838	379.6116	3.8618	0.3122	0.5214	353.80	0.2084	266.2	175.22	0.6660	2.281	360.000
362.000	440.7138	305.7332	380.6546	3.8645	0.3122	0.5214	354.78	0.2093	267.4	176.90	0.6662	2.269	362.000
364.000	443.0394	306.2448	381.6974	3.8673	0.3122	0.5214	355.76	0.2102	268.5	178.92	0.6660	2.253	364.000
366.000	446.2129	306.8843	382.7406	3.8703	0.3122	0.5214	356.74	0.2111	269.7	180.65	0.6662	2.241	366.000
368.000	448.6119	307.5193	383.7834	3.8730	0.3122	0.5214	357.71	0.2120	270.9	182.39	0.6663	2.229	368.000
370.000	451.0368	308.1502	384.8265	3.8758	0.3122	0.5214	358.68	0.2130	272.1	184.25	0.6661	2.217	370.000
372.000	453.4881	308.7764	385.8694	3.8788	0.3122	0.5214	359.65	0.2139	273.2	186.03	0.6660	2.205	372.000
374.000	455.9662	309.3980	386.9122	3.8815	0.3122	0.5214	360.62	0.2148	274.4	187.83	0.6661	2.193	374.000
376.000	457.6333	310.1674	387.9551	3.8843	0.3122	0.5214	361.58	0.2157	275.6	189.31	0.6662	2.185	376.000
378.000	460.1570	310.7712	388.9979	3.8871	0.3122	0.5214	362.54	0.2166	276.7	191.15	0.6661	2.173	378.000
380.000	462.7087	311.3803	390.0408	3.8898	0.3122	0.5214	363.50	0.2175	277.9	193.01	0.6662	2.161	380.000
382.000	465.2889	311.9845	391.0836	3.8926	0.3122	0.5214	364.46	0.2184	279.0	194.89	0.6661	2.149	382.000
384.000	467.8980	312.5838	392.1265	3.8951	0.3122	0.5214	365.41	0.2193	280.2	196.79	0.6662	2.137	384.000
386.000	469.6537	313.3280	393.1691	3.8978	0.3122	0.5214	366.36	0.2202	281.3	198.34	0.6661	2.129	386.000
388.000	472.3121	313.9189	394.2120	3.9006	0.3122	0.5214	367.31	0.2211	282.5	200.27	0.6662	2.117	388.000
390.000	475.0000	314.5044	395.2545	3.9033	0.3122	0.5214	368.26	0.2220	283.6	202.23	0.6661	2.105	390.000
392.000	477.7203	315.0850	396.2974	3.9058	0.3122	0.5214	369.20	0.2229	284.8	204.22	0.6662	2.093	392.000
394.000	479.5586	315.8164	397.3400	3.9086	0.3122	0.5214	370.14	0.2238	285.9	206.83	0.6661	2.085	394.000
396.000	482.3226	316.3878	398.3826	3.9111	0.3122	0.5214	371.09	0.2247	287.1	207.86	0.6662	2.073	396.000
398.000	484.1884	317.1132	399.4252	3.9138	0.3122	0.5214	372.02	0.2256	288.2	209.49	0.6661	2.065	398.000
400.000	487.0145	317.6764	400.4678	3.9163	0.3122	0.5214	372.95	0.2265	289.3	211.55	0.6660	2.053	400.000

THERMODYNAMIC PROPERTIES OF ARGON

1.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
86.000	0.7187	72.1553	72.2837	1.3417	0.9029	1.3112	606.72	1.3845	2698.7	0.71	2.7126	1401.184	86.000
87.000	0.7168	73.4521	73.5812	1.3568	0.8626	1.2834	608.46	1.2865	2618.9	0.72	2.6126	1395.044	87.000
88.000	0.7200	74.7225	74.8521	1.3713	0.8266	1.2601	615.37	1.2698	2542.6	0.73	2.5248	1388.888	88.000
89.000	0.7232	75.9715	76.1017	1.3856	0.7946	1.2404	621.25	1.2528	2469.6	0.73	2.4466	1382.684	89.000
90.000	0.7265	77.2033	77.3340	1.3993	0.7652	1.2238	626.22	1.2354	2399.5	0.73	2.3778	1376.424	90.000
91.000	0.7299	78.4182	78.5496	1.4126	0.7395	1.2106	630.39	1.2191	2332.3	0.74	2.3168	1370.125	91.000
92.000	0.7333	79.6214	79.7534	1.4259	0.7159	1.1996	633.81	1.2032	2267.7	0.74	2.2608	1363.777	92.000
93.000	0.7367	80.8169	80.9496	1.4389	0.6952	1.1908	636.35	1.1878	2205.4	0.73	2.2113	1357.353	93.000
• 93.090	0.7371	80.9259	81.0586	1.4399	0.6934	1.1900	636.47	1.1862	2199.8	0.73	2.2069	1356.758	93.090
• 93.090	182.2571	219.4729	237.8792	3.1246	0.3585	0.6186	174.24	0.0637	77.4	10.66	0.7422	9.779	93.090
94.000	183.3548	219.8278	238.4317	3.1383	0.3487	0.6070	175.28	0.0641	78.1	10.91	0.7396	9.675	94.000
95.000	184.6511	220.1993	239.0365	3.1368	0.3478	0.6028	176.41	0.0647	78.9	11.23	0.7351	9.556	95.000
96.000	185.9364	220.5691	239.6375	3.1431	0.3462	0.5998	177.54	0.0652	79.7	11.53	0.7322	9.448	96.000
97.000	187.2057	220.9373	240.2343	3.1492	0.3434	0.5956	178.65	0.0656	80.5	11.85	0.7286	9.328	97.000
98.000	188.4599	221.3053	240.8286	3.1554	0.3419	0.5928	179.75	0.0663	81.2	12.15	0.7251	9.220	98.000
99.000	189.7437	221.6644	241.4183	3.1614	0.3407	0.5896	180.83	0.0669	82.0	12.46	0.7228	9.112	99.000
100.000	110.9599	222.0328	242.0056	3.1671	0.3392	0.5866	181.91	0.0674	82.8	12.76	0.7199	9.012	100.000
101.000	112.2032	222.3933	242.5899	3.1731	0.3379	0.5838	182.98	0.0680	83.6	13.09	0.7168	8.912	101.000
102.000	113.4748	222.7459	243.1714	3.1786	0.3367	0.5805	184.03	0.0685	84.3	13.39	0.7144	8.813	102.000
103.000	114.7229	223.1002	243.7504	3.1844	0.3357	0.5780	185.08	0.0691	85.1	13.72	0.7118	8.717	103.000
104.000	115.9451	223.4565	244.3266	3.1899	0.3344	0.5755	186.11	0.0697	85.9	14.04	0.7093	8.625	104.000
105.000	117.1936	223.8068	244.9016	3.1954	0.3334	0.5732	187.14	0.0702	86.7	14.35	0.7068	8.533	105.000
106.000	118.4132	224.1592	245.4736	3.2009	0.3324	0.5712	188.16	0.0708	87.5	14.68	0.7068	8.445	106.000
107.000	119.6584	224.5051	246.0436	3.2062	0.3317	0.5692	189.17	0.0714	88.3	15.01	0.7040	8.357	107.000
108.000	120.8718	224.8552	246.6121	3.2114	0.3307	0.5672	190.17	0.0719	89.0	15.32	0.7021	8.273	108.000
109.000	122.1188	225.1983	247.1781	3.2167	0.3299	0.5655	191.17	0.0725	89.8	15.66	0.7004	8.189	109.000
110.000	123.3138	225.5465	247.7428	3.2219	0.3292	0.5637	192.15	0.0731	90.6	15.99	0.6987	8.109	110.000
111.000	124.5400	225.8883	248.3055	3.2269	0.3284	0.5622	193.13	0.0736	91.4	16.30	0.6982	8.030	111.000
112.000	125.7917	226.2243	248.8668	3.2320	0.3277	0.5607	194.10	0.0742	92.2	16.65	0.6968	7.956	112.000
113.000	127.0043	226.5668	249.4267	3.2370	0.3272	0.5592	195.07	0.0748	93.0	16.99	0.6953	7.874	113.000
114.000	128.1748	226.9135	249.9856	3.2417	0.3264	0.5577	196.02	0.0754	93.7	17.33	0.6931	7.802	114.000
115.000	129.3872	227.2561	250.5422	3.2467	0.3259	0.5565	196.97	0.0760	94.5	17.67	0.6919	7.730	115.000
116.000	130.5819	227.5934	251.0982	3.2515	0.3252	0.5552	197.92	0.0765	95.3	17.99	0.6917	7.658	116.000
117.000	131.8196	227.9249	251.6524	3.2562	0.3247	0.5540	198.86	0.0771	96.1	18.35	0.6905	7.586	117.000
118.000	133.0163	228.2637	252.2056	3.2610	0.3242	0.5530	199.79	0.0777	96.9	18.69	0.6896	7.518	118.000
119.000	134.2227	228.5988	252.7581	3.2656	0.3237	0.5517	200.71	0.0783	97.7	19.05	0.6884	7.450	119.000
120.000	135.3842	228.9401	253.3093	3.2703	0.3232	0.5507	201.63	0.0789	98.5	19.40	0.6875	7.386	120.000
121.000	136.6486	229.2648	253.8593	3.2748	0.3227	0.5497	202.55	0.0795	99.3	19.76	0.6866	7.318	121.000
122.000	137.8444	229.5962	254.4082	3.2793	0.3224	0.5487	203.45	0.0800	100.0	20.10	0.6859	7.255	122.000
123.000	139.0925	229.9386	254.9567	3.2838	0.3219	0.5480	204.36	0.0806	100.8	20.44	0.6853	7.196	123.000
124.000	140.1598	230.2751	255.5039	3.2880	0.3217	0.5470	205.25	0.0812	101.6	20.81	0.6844	7.136	124.000
125.000	141.4268	230.5938	256.0500	3.2925	0.3212	0.5462	206.15	0.0818	102.4	21.18	0.6838	7.071	125.000
126.000	142.5543	230.9365	256.5963	3.2968	0.3209	0.5455	207.03	0.0824	103.2	21.54	0.6831	7.015	126.000
127.000	143.7826	231.2684	257.1413	3.3010	0.3204	0.5447	207.92	0.0830	104.0	21.91	0.6825	6.955	127.000
128.000	144.9481	231.5948	257.6855	3.3053	0.3202	0.5440	208.79	0.0836	104.8	22.28	0.6819	6.899	128.000

THERMODYNAMIC PROPERTIES OF ARGON

1.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
129.000	146.1328	231.9248	258.2287	3.3096	0.3199	0.5432	209.67	0.0842	105.6	22.65	0.6813	6.843	129.000
130.000	147.3369	232.2518	258.7716	3.3138	0.3197	0.5426	210.53	0.0848	106.3	23.03	0.6800	6.787	130.000
131.000	148.5611	232.5728	259.3138	3.3178	0.3194	0.5420	211.48	0.0854	107.1	23.41	0.6797	6.731	131.000
132.000	149.7162	232.9062	259.8551	3.3221	0.3189	0.5412	212.26	0.0860	107.9	23.79	0.6790	6.679	132.000
133.000	150.8893	233.2359	260.3956	3.3261	0.3187	0.5407	213.11	0.0865	108.7	24.14	0.6795	6.627	133.000
134.000	152.0811	233.5618	260.9354	3.3301	0.3184	0.5402	213.96	0.0871	109.5	24.52	0.6791	6.575	134.000
135.000	153.2918	233.8837	261.4742	3.3341	0.3184	0.5396	214.81	0.0877	110.3	24.92	0.6785	6.524	135.000
136.000	154.4265	234.2188	262.0158	3.3381	0.3182	0.5390	215.65	0.0883	111.1	25.30	0.6781	6.476	136.000
137.000	155.5783	234.5497	262.5538	3.3421	0.3179	0.5384	216.49	0.0889	111.9	25.69	0.6778	6.428	137.000
138.000	156.7473	234.8777	263.0923	3.3458	0.3177	0.5379	217.32	0.0895	112.6	26.08	0.6768	6.380	138.000
139.000	157.9346	235.2021	263.6302	3.3499	0.3174	0.5374	218.15	0.0901	113.4	26.48	0.6764	6.332	139.000
140.000	159.1389	235.5222	264.1671	3.3536	0.3172	0.5372	218.98	0.0907	114.2	26.87	0.6764	6.284	140.000
141.000	160.3622	235.8389	264.7041	3.3574	0.3172	0.5367	219.80	0.0913	115.0	27.28	0.6760	6.236	141.000
142.000	161.5963	236.1705	265.2405	3.3611	0.3169	0.5362	220.62	0.0919	115.8	27.68	0.6756	6.192	142.000
143.000	162.8546	236.4987	265.7765	3.3649	0.3167	0.5359	221.43	0.0925	116.6	28.07	0.6756	6.148	143.000
144.000	164.0255	236.8236	266.3122	3.3686	0.3167	0.5354	222.24	0.0931	117.4	28.48	0.6752	6.104	144.000
145.000	165.0135	237.1447	266.8471	3.3724	0.3164	0.5352	223.05	0.0937	118.1	28.89	0.6748	6.060	145.000
146.000	166.2188	237.4627	267.3821	3.3761	0.3162	0.5347	223.85	0.0943	118.9	29.31	0.6742	6.016	146.000
147.000	167.3298	237.7974	267.9168	3.3798	0.3162	0.5344	224.65	0.0949	119.7	29.71	0.6741	5.976	147.000
148.000	168.5693	238.1085	268.4518	3.3834	0.3159	0.5339	225.45	0.0955	120.5	30.15	0.6737	5.932	148.000
149.000	169.7122	238.4365	268.9847	3.3869	0.3159	0.5337	226.24	0.0961	121.3	30.56	0.6736	5.892	149.000
150.000	170.8786	238.7614	269.5181	3.3904	0.3157	0.5334	227.03	0.0966	122.0	30.94	0.6737	5.852	150.000
151.000	172.0450	239.0838	270.0511	3.3939	0.3157	0.5332	227.82	0.0972	122.8	31.36	0.6736	5.812	151.000
152.000	173.2356	239.4013	270.5837	3.3974	0.3154	0.5327	228.61	0.0978	123.6	31.81	0.6732	5.772	152.000
153.000	174.3213	239.7389	271.1167	3.4009	0.3154	0.5324	229.39	0.0984	124.4	32.22	0.6731	5.737	153.000
154.000	175.5438	240.0518	271.6489	3.4044	0.3152	0.5322	230.17	0.0990	125.2	32.66	0.6730	5.697	154.000
155.000	176.6587	240.3825	272.1811	3.4079	0.3152	0.5319	230.94	0.0996	125.9	33.08	0.6724	5.661	155.000
156.000	177.9143	240.6882	272.7128	3.4112	0.3152	0.5317	231.71	0.1002	126.7	33.53	0.6723	5.621	156.000
157.000	179.0597	241.0137	273.2445	3.4147	0.3149	0.5314	232.48	0.1008	127.5	33.96	0.6722	5.585	157.000
158.000	180.2199	241.3361	273.7756	3.4179	0.3149	0.5312	233.25	0.1014	128.3	34.40	0.6721	5.549	158.000
159.000	181.3952	241.6557	274.3068	3.4214	0.3147	0.5309	234.01	0.1020	129.1	34.85	0.6720	5.513	159.000
160.000	182.4529	241.9968	274.8375	3.4247	0.3147	0.5307	234.77	0.1026	129.8	35.27	0.6714	5.481	160.000
161.000	183.6577	242.3098	275.3682	3.4280	0.3147	0.5307	235.53	0.1032	130.6	35.71	0.6716	5.445	161.000
162.000	184.8785	242.6295	275.8987	3.4312	0.3144	0.5304	236.28	0.1038	131.4	36.18	0.6715	5.409	162.000
163.000	185.9773	242.9538	276.4289	3.4345	0.3144	0.5302	237.03	0.1043	132.1	36.59	0.6715	5.377	163.000
164.000	187.2292	243.2576	276.9588	3.4377	0.3144	0.5299	237.78	0.1049	132.9	37.06	0.6714	5.341	164.000
165.000	188.3562	243.6846	277.4887	3.4410	0.3144	0.5297	238.53	0.1055	133.7	37.52	0.6713	5.309	165.000
166.000	189.4969	243.9999	278.0184	3.4440	0.3142	0.5297	239.27	0.1061	134.5	37.96	0.6715	5.277	166.000
167.000	190.6515	244.2303	278.5476	3.4472	0.3142	0.5294	240.02	0.1067	135.2	38.42	0.6709	5.245	167.000
168.000	191.8203	244.5494	279.0771	3.4505	0.3142	0.5292	240.76	0.1073	136.0	38.89	0.6707	5.213	168.000
169.000	193.0034	244.8656	279.6062	3.4535	0.3142	0.5289	241.49	0.1079	136.8	39.37	0.6706	5.181	169.000
170.000	194.0507	245.2058	280.1349	3.4567	0.3139	0.5289	242.22	0.1085	137.5	39.81	0.6703	5.153	170.000
171.000	195.2617	245.5168	280.6638	3.4597	0.3139	0.5287	242.96	0.1090	138.3	40.28	0.6708	5.121	171.000
172.000	196.4878	245.8247	281.1925	3.4628	0.3139	0.5287	243.68	0.1096	139.1	40.73	0.6710	5.089	172.000
173.000	197.5733	246.1578	281.7210	3.4658	0.3139	0.5284	244.41	0.1102	139.8	41.20	0.6704	5.061	173.000

THERMODYNAMIC PROPERTIES OF ARGON

1.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
174.000	198.0288	246.4660	282.2492	3.4696	0.3137	0.5282	245.13	0.1108	140.6	41.71	0.6702	5.029	174.000
176.000	199.9484	246.7881	282.7773	3.4726	0.3137	0.5282	245.86	0.1114	141.4	42.17	0.6704	5.001	176.000
176.000	201.8646	247.1137	283.3053	3.4756	0.3137	0.5279	246.57	0.1120	142.1	42.66	0.6698	4.974	176.000
177.000	202.2815	247.4378	283.8332	3.4778	0.3137	0.5279	247.29	0.1126	142.9	43.13	0.6700	4.946	177.000
178.000	203.3513	247.7677	284.3609	3.4806	0.3137	0.5277	248.01	0.1131	143.6	43.58	0.6700	4.918	178.000
179.000	204.5142	248.0766	284.8886	3.4838	0.3134	0.5277	248.72	0.1137	144.4	44.07	0.6702	4.890	179.000
180.000	205.6966	248.3917	285.4160	3.4868	0.3134	0.5274	249.43	0.1143	145.2	44.57	0.6700	4.862	180.000
181.000	206.8865	248.7058	285.9435	3.4895	0.3134	0.5274	250.14	0.1149	145.9	45.07	0.6697	4.834	181.000
182.000	207.9115	249.0466	286.4706	3.4925	0.3134	0.5272	250.84	0.1155	146.7	45.55	0.6696	4.810	182.000
183.000	209.1273	249.3549	286.9978	3.4953	0.3134	0.5272	251.55	0.1161	147.4	46.06	0.6693	4.782	183.000
184.000	210.3575	249.6664	287.5248	3.4983	0.3134	0.5269	252.25	0.1166	148.2	46.55	0.6697	4.754	184.000
185.000	211.4235	249.9955	288.0517	3.5011	0.3134	0.5269	252.95	0.1172	148.9	47.02	0.6695	4.730	185.000
186.000	212.6889	250.2961	288.5786	3.5041	0.3132	0.5267	253.64	0.1178	149.7	47.57	0.6693	4.702	186.000
187.000	213.7706	250.6264	289.1051	3.5068	0.3132	0.5267	254.34	0.1184	150.5	48.06	0.6695	4.678	187.000
188.000	214.8716	250.9648	289.6317	3.5096	0.3132	0.5267	255.03	0.1190	151.2	48.55	0.6692	4.654	188.000
189.000	215.9848	251.2811	290.1582	3.5123	0.3132	0.5264	255.72	0.1195	152.0	49.03	0.6696	4.630	189.000
190.000	217.2964	251.5713	290.6846	3.5151	0.3132	0.5264	256.41	0.1201	152.7	49.57	0.6693	4.602	190.000
191.000	218.4341	251.8927	291.2108	3.5178	0.3132	0.5262	257.10	0.1207	153.5	50.11	0.6692	4.578	191.000
192.000	219.5837	252.2119	291.7370	3.5206	0.3132	0.5262	257.78	0.1213	154.2	50.62	0.6689	4.554	192.000
193.000	220.7455	252.5290	292.2632	3.5233	0.3132	0.5262	258.47	0.1218	155.0	51.10	0.6690	4.530	193.000
194.000	221.9197	252.8436	292.7891	3.5261	0.3129	0.5259	259.15	0.1224	155.7	51.65	0.6690	4.506	194.000
195.000	222.9078	253.1916	293.3150	3.5286	0.3129	0.5259	259.83	0.1230	156.4	52.13	0.6687	4.486	195.000
196.000	224.1061	253.5021	293.8410	3.5313	0.3129	0.5259	260.50	0.1236	157.2	52.67	0.6689	4.462	196.000
197.000	225.3154	253.8099	294.3667	3.5341	0.3129	0.5257	261.18	0.1241	157.9	53.19	0.6689	4.438	197.000
198.000	226.3346	254.1522	294.8924	3.5366	0.3129	0.5257	261.85	0.1247	158.7	53.69	0.6690	4.418	198.000
199.000	227.5686	254.4557	295.4180	3.5394	0.3129	0.5257	262.52	0.1253	159.4	54.24	0.6687	4.394	199.000
200.000	228.8167	254.7565	295.9435	3.5419	0.3129	0.5254	263.19	0.1258	160.2	54.78	0.6691	4.370	200.000
202.000	232.4285	255.1615	296.9966	3.5486	0.3129	0.5254	264.53	0.1270	161.6	56.18	0.6686	4.302	202.000
204.000	234.8269	255.7881	298.0498	3.5536	0.3129	0.5252	265.86	0.1281	163.1	57.28	0.6687	4.258	204.000
206.000	237.2753	256.3897	299.0993	3.5589	0.3127	0.5252	267.18	0.1292	164.6	58.37	0.6691	4.215	206.000
208.000	239.5459	257.0312	300.1494	3.5639	0.3127	0.5249	268.49	0.1304	166.0	59.51	0.6682	4.175	208.000
210.000	241.8663	257.6642	301.1990	3.5689	0.3127	0.5249	269.79	0.1315	167.5	60.59	0.6686	4.135	210.000
212.000	244.2199	258.2891	302.2487	3.5739	0.3127	0.5247	271.09	0.1326	169.0	61.72	0.6687	4.095	212.000
214.000	246.3833	258.9488	303.2978	3.5787	0.3127	0.5247	272.39	0.1338	170.4	62.83	0.6682	4.059	214.000
216.000	248.8324	259.5571	304.3469	3.5837	0.3127	0.5244	273.67	0.1349	171.9	64.01	0.6683	4.019	216.000
218.000	251.0787	260.2016	305.3958	3.5884	0.3127	0.5244	274.95	0.1360	173.3	65.11	0.6683	3.983	218.000
220.000	253.3658	260.8385	306.4444	3.5932	0.3127	0.5242	276.23	0.1371	174.7	66.27	0.6679	3.947	220.000
222.000	255.6956	261.4679	307.4930	3.5979	0.3124	0.5242	277.49	0.1382	176.2	67.41	0.6683	3.911	222.000
224.000	258.0674	262.0869	308.5411	3.6027	0.3124	0.5242	278.76	0.1393	177.6	68.58	0.6683	3.875	224.000
226.000	260.4843	262.7026	309.5892	3.6072	0.3124	0.5239	280.01	0.1405	179.1	69.85	0.6679	3.839	226.000
228.000	262.6716	263.3565	310.6373	3.6119	0.3124	0.5239	281.26	0.1416	180.5	70.99	0.6679	3.807	228.000
230.000	264.8947	264.0039	311.6849	3.6165	0.3124	0.5239	282.50	0.1427	181.9	72.15	0.6679	3.775	230.000
232.000	267.4417	264.5938	312.7325	3.6210	0.3124	0.5237	283.74	0.1438	183.3	73.44	0.6675	3.739	232.000
234.000	269.7472	265.2258	313.7802	3.6255	0.3124	0.5237	284.97	0.1449	184.7	74.64	0.6675	3.707	234.000
236.000	271.7974	265.9037	314.8272	3.6300	0.3124	0.5237	286.20	0.1460	186.1	75.78	0.6675	3.679	236.000

THERMODYNAMIC PROPERTIES OF ARGON

1.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
238.000	274.1796	266.5224	315.8746	3.6342	0.3124	0.5237	287.42	0.1478	187.5	76.96	0.6686	3.647	238.000
240.000	276.6027	267.1338	316.9215	3.6387	0.3124	0.5234	288.64	0.1481	188.9	78.26	0.6676	3.615	240.000
242.000	278.7588	267.7928	317.9686	3.6430	0.3124	0.5234	289.85	0.1492	190.3	79.46	0.6676	3.587	242.000
244.000	281.2645	268.3876	319.0152	3.6472	0.3124	0.5234	291.05	0.1503	191.7	80.76	0.6676	3.555	244.000
246.000	283.4943	269.0329	320.0618	3.6515	0.3124	0.5232	292.25	0.1514	193.1	82.04	0.6673	3.527	246.000
248.000	285.7596	269.6717	321.1084	3.6558	0.3124	0.5232	293.45	0.1525	194.5	83.36	0.6673	3.499	248.000
250.000	288.0615	270.3037	322.1548	3.6600	0.3124	0.5232	294.64	0.1536	195.9	84.62	0.6677	3.471	250.000
252.000	290.4007	270.9290	323.2011	3.6643	0.3124	0.5232	295.82	0.1548	197.3	85.81	0.6677	3.444	252.000
254.000	292.7783	271.5471	324.2473	3.6683	0.3124	0.5232	297.00	0.1557	198.6	87.13	0.6673	3.416	254.000
256.000	295.1951	272.1583	325.2934	3.6723	0.3124	0.5229	298.18	0.1567	200.0	88.46	0.6674	3.388	256.000
258.000	297.2986	272.8254	326.3392	3.6765	0.3124	0.5229	299.35	0.1578	201.4	89.71	0.6674	3.364	258.000
260.000	299.7918	273.4229	327.3853	3.6805	0.3124	0.5229	300.52	0.1589	202.7	91.10	0.6671	3.336	260.000
262.000	301.9607	274.0788	328.4309	3.6845	0.3122	0.5229	301.68	0.1599	204.1	92.33	0.6675	3.312	262.000
264.000	304.1621	274.7276	329.4768	3.6883	0.3122	0.5229	302.83	0.1610	205.4	93.65	0.6671	3.288	264.000
266.000	306.3959	275.3712	330.5224	3.6923	0.3122	0.5227	303.99	0.1620	206.8	94.96	0.6672	3.264	266.000
268.000	309.6437	276.9399	331.5678	3.6963	0.3122	0.5227	305.13	0.1631	208.1	96.44	0.6669	3.236	268.000
270.000	311.3500	276.5784	332.6134	3.7001	0.3122	0.5227	306.28	0.1641	209.5	97.75	0.6673	3.212	270.000
272.000	313.2984	277.2068	333.6588	3.7041	0.3122	0.5227	307.41	0.1652	210.8	99.02	0.6670	3.192	272.000
274.000	315.6689	277.8335	334.7039	3.7078	0.3122	0.5227	308.55	0.1662	212.2	100.38	0.6673	3.168	274.000
276.000	318.0755	278.4956	335.7492	3.7118	0.3122	0.5227	309.68	0.1672	213.5	101.75	0.6674	3.144	276.000
278.000	320.5191	279.1009	336.7943	3.7163	0.3122	0.5227	310.81	0.1683	214.8	103.21	0.6671	3.120	278.000
280.000	322.5843	279.7742	337.8394	3.7191	0.3122	0.5224	311.93	0.1693	216.1	104.64	0.6668	3.100	280.000
282.000	325.0000	280.3666	338.8843	3.7228	0.3122	0.5224	313.04	0.1703	217.5	105.97	0.6672	3.076	282.000
284.000	327.2228	281.0291	339.9291	3.7268	0.3122	0.5224	314.16	0.1713	218.8	107.29	0.6673	3.056	284.000
286.000	329.3756	281.6864	340.9740	3.7301	0.3122	0.5224	315.27	0.1724	220.1	108.69	0.6670	3.036	286.000
288.000	331.9966	282.2595	342.0189	3.7339	0.3122	0.5224	316.37	0.1734	221.4	110.19	0.6670	3.012	288.000
290.000	334.2129	282.9052	343.0635	3.7374	0.3122	0.5224	317.47	0.1744	222.7	111.57	0.6671	2.992	290.000
292.000	336.4589	283.5457	344.1083	3.7409	0.3122	0.5224	318.57	0.1754	224.0	112.98	0.6672	2.972	292.000
294.000	338.7354	284.1866	345.1529	3.7444	0.3122	0.5222	319.66	0.1764	225.3	114.43	0.6669	2.952	294.000
296.000	341.0428	284.8096	346.1973	3.7481	0.3122	0.5222	320.75	0.1774	226.6	115.86	0.6670	2.932	296.000
298.000	343.3820	285.4332	347.2419	3.7516	0.3122	0.5222	321.84	0.1785	227.9	117.38	0.6667	2.912	298.000
300.000	345.7533	286.0587	348.2863	3.7549	0.3122	0.5222	322.92	0.1795	229.2	118.85	0.6668	2.892	300.000
302.000	348.1577	286.6822	349.3306	3.7584	0.3122	0.5222	324.00	0.1805	230.5	120.35	0.6668	2.872	302.000
304.000	350.1955	287.3568	350.3750	3.7619	0.3122	0.5222	325.08	0.1815	231.7	121.69	0.6666	2.856	304.000
306.000	352.5718	287.9566	351.4193	3.7654	0.3122	0.5222	326.15	0.1826	233.0	123.22	0.6667	2.836	306.000
308.000	355.0715	288.5506	352.4634	3.7686	0.3122	0.5222	327.21	0.1834	234.3	124.71	0.6671	2.816	308.000
310.000	357.6976	289.2366	353.5076	3.7722	0.3122	0.5222	328.28	0.1844	235.5	126.18	0.6669	2.800	310.000
312.000	359.6638	289.8123	354.5516	3.7754	0.3122	0.5222	329.34	0.1854	236.8	127.70	0.6669	2.780	312.000
314.000	361.7419	290.4822	355.5958	3.7787	0.3122	0.5219	330.40	0.1864	238.1	129.19	0.6667	2.764	314.000
316.000	363.8451	291.1477	356.6399	3.7819	0.3122	0.5219	331.46	0.1874	239.3	130.64	0.6666	2.748	316.000
318.000	366.6887	291.7122	357.6837	3.7854	0.3122	0.5219	332.50	0.1884	240.6	132.30	0.6666	2.728	318.000
320.000	368.6678	292.3678	358.7278	3.7887	0.3122	0.5219	333.55	0.1893	241.8	133.71	0.6667	2.712	320.000
322.000	370.8525	293.0182	359.7717	3.7917	0.3122	0.5219	334.59	0.1903	243.1	135.22	0.6667	2.696	322.000
324.000	373.0632	293.6642	360.8156	3.7949	0.3122	0.5219	335.63	0.1913	244.3	136.74	0.6665	2.681	324.000
326.000	375.3005	294.3053	361.8594	3.7982	0.3122	0.5219	336.67	0.1923	245.6	138.28	0.6666	2.665	326.000

THERMODYNAMIC PROPERTIES OF ARGON

1.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
320.000	377.5648	294.9413	362.9836	3.8614	0.3122	0.5219	337.76	0.1932	246.8	139.76	0.6667	2.649	320.000
330.000	379.8565	295.6727	363.9469	3.8644	0.3122	0.5219	338.73	0.1942	248.0	141.34	0.6665	2.633	330.000
332.000	382.1762	296.1987	364.9084	3.8677	0.3122	0.5219	339.76	0.1952	249.3	142.93	0.6666	2.617	332.000
334.000	384.5245	296.8197	366.8341	3.8107	0.3122	0.5219	340.78	0.1961	250.5	144.47	0.6667	2.601	334.000
336.000	386.9018	297.4364	367.8777	3.8140	0.3122	0.5219	341.80	0.1971	251.7	146.11	0.6665	2.585	336.000
338.000	389.3086	298.0457	368.1213	3.8170	0.3122	0.5217	342.82	0.1980	253.0	147.76	0.6666	2.569	338.000
340.000	391.7456	298.6587	369.1649	3.8200	0.3122	0.5217	343.84	0.1990	254.2	149.44	0.6664	2.553	340.000
342.000	394.5934	299.3815	370.2083	3.8232	0.3122	0.5217	344.85	0.1999	255.4	150.82	0.6665	2.541	342.000
344.000	396.6646	299.9566	371.2519	3.8262	0.3122	0.5217	345.86	0.2009	256.6	152.53	0.6663	2.525	344.000
346.000	399.0874	300.5459	372.2952	3.8292	0.3122	0.5217	346.86	0.2018	257.8	154.19	0.6664	2.509	346.000
348.000	401.5287	301.2448	373.3386	3.8322	0.3122	0.5217	347.87	0.2028	259.0	155.78	0.6662	2.497	348.000
350.000	403.1005	301.8238	374.3819	3.8352	0.3122	0.5217	348.87	0.2037	260.2	157.48	0.6664	2.481	350.000
352.000	405.6573	302.5158	375.4253	3.8380	0.3122	0.5217	349.86	0.2047	261.4	158.94	0.6662	2.469	352.000
354.000	407.6961	303.0833	376.4686	3.8410	0.3122	0.5217	350.86	0.2056	262.6	160.68	0.6663	2.453	354.000
356.000	409.6979	303.7664	377.5120	3.8440	0.3122	0.5217	351.85	0.2065	263.8	162.17	0.6664	2.441	356.000
358.000	412.3977	304.3238	378.5554	3.8470	0.3122	0.5217	352.84	0.2075	265.0	164.03	0.6662	2.425	358.000
360.000	414.4461	304.9962	379.5985	3.8498	0.3122	0.5217	353.82	0.2084	266.2	165.56	0.6664	2.413	360.000
362.000	416.5149	305.6689	380.6416	3.8528	0.3122	0.5217	354.81	0.2093	267.4	167.11	0.6665	2.401	362.000
364.000	419.3856	306.2999	381.6849	3.8555	0.3122	0.5217	355.79	0.2102	268.6	168.96	0.6666	2.385	364.000
366.000	421.4233	306.8718	382.7280	3.8583	0.3122	0.5217	356.76	0.2112	269.7	170.61	0.6662	2.373	366.000
368.000	423.6626	307.5299	383.7711	3.8613	0.3122	0.5217	357.74	0.2121	270.9	172.21	0.6663	2.361	368.000
370.000	425.7235	308.1848	384.8142	3.8640	0.3122	0.5214	358.71	0.2130	272.1	173.91	0.6661	2.349	370.000
372.000	427.9067	308.8341	385.8574	3.8668	0.3122	0.5214	359.68	0.2139	273.2	175.64	0.6660	2.337	372.000
374.000	430.1124	309.4868	386.9002	3.8695	0.3122	0.5214	360.64	0.2148	274.4	177.18	0.6661	2.325	374.000
376.000	432.3410	310.1219	387.9433	3.8723	0.3122	0.5214	361.61	0.2157	275.6	178.85	0.6662	2.313	376.000
378.000	434.5486	310.8234	388.9861	3.8750	0.3122	0.5214	362.57	0.2166	276.7	180.84	0.6661	2.297	378.000
380.000	437.8319	311.2553	390.0290	3.8778	0.3122	0.5214	363.53	0.2176	277.9	182.63	0.6659	2.285	380.000
382.000	439.1674	312.0228	391.0721	3.8806	0.3122	0.5214	364.49	0.2185	279.1	184.03	0.6660	2.277	382.000
384.000	441.4911	312.6466	392.1150	3.8833	0.3122	0.5214	365.44	0.2194	280.2	185.77	0.6659	2.265	384.000
386.000	443.8394	313.2668	393.1578	3.8861	0.3122	0.5214	366.39	0.2203	281.4	187.52	0.6660	2.253	386.000
388.000	446.2129	313.8824	394.2007	3.8888	0.3122	0.5214	367.34	0.2212	282.5	189.29	0.6659	2.241	388.000
390.000	448.6119	314.4934	395.2436	3.8913	0.3122	0.5214	368.29	0.2221	283.7	191.08	0.6660	2.229	390.000
392.000	451.0368	315.0998	396.2864	3.8941	0.3122	0.5214	369.23	0.2229	284.8	192.81	0.6662	2.217	392.000
394.000	453.4881	315.7014	397.3293	3.8966	0.3122	0.5214	370.17	0.2238	285.9	194.64	0.6661	2.205	394.000
396.000	455.1371	316.4474	398.3721	3.8993	0.3122	0.5214	371.11	0.2247	287.1	196.13	0.6662	2.197	396.000
398.000	457.6333	317.0467	399.4147	3.9018	0.3122	0.5214	372.05	0.2256	288.2	198.00	0.6661	2.185	398.000
400.000	460.1578	317.6293	400.4576	3.9046	0.3122	0.5214	372.98	0.2265	289.3	199.88	0.6660	2.173	400.000

THERMODYNAMIC PROPERTIES OF ARGON

1.9 BAR ISOBAR

	TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
	86.000	0.7137	72.1534	72.2896	1.3417	0.9627	1.3116	606.94	1.3845	2699.6	0.71	2.7124	1401.216	86.000
	87.000	0.7168	73.4492	73.5854	1.3568	0.8624	1.2834	608.80	1.2866	2619.3	0.72	2.6128	1395.692	87.000
	88.000	0.7200	74.7188	74.8550	1.3713	0.8261	1.2681	615.64	1.2691	2543.0	0.73	2.5250	1388.932	88.000
	89.000	0.7232	75.9693	76.1067	1.3856	0.7940	1.2484	621.44	1.2520	2469.8	0.73	2.4468	1382.712	89.000
	90.000	0.7265	77.1998	77.3378	1.3993	0.7658	1.2238	626.48	1.2354	2399.9	0.73	2.3774	1376.488	90.000
	91.000	0.7298	78.4165	78.5551	1.4126	0.7392	1.2103	630.63	1.2192	2332.6	0.74	2.3156	1370.164	91.000
	92.000	0.7332	79.6201	79.7594	1.4259	0.7159	1.1993	634.01	1.2033	2268.0	0.74	2.2605	1363.813	92.000
	93.000	0.7367	80.8135	80.9535	1.4386	0.6949	1.1908	636.66	1.1876	2205.7	0.73	2.2116	1357.393	93.000
*	93.688	0.7391	81.6216	81.7628	1.4474	0.6819	1.1868	637.89	1.1772	2164.7	0.73	2.1810	1352.995	93.688
*	93.688	97.2893	219.5726	238.0578	3.1158	0.3517	0.6148	174.59	0.0642	77.9	10.17	0.7451	10.279	93.688
	94.000	97.6388	219.7029	238.2527	3.1178	0.3516	0.6128	174.96	0.0644	78.2	10.26	0.7441	10.243	94.000
	95.000	98.8647	220.8782	238.8625	3.1243	0.3496	0.6083	176.11	0.0649	79.0	10.55	0.7404	10.115	95.000
	96.000	100.0901	220.4517	239.4688	3.1306	0.3472	0.6043	177.24	0.0655	79.7	10.85	0.7363	9.991	96.000
	97.000	101.2641	220.8364	240.0786	3.1368	0.3454	0.6003	178.36	0.0660	80.5	11.13	0.7322	9.875	97.000
	98.000	102.5084	221.1913	240.6879	3.1431	0.3439	0.5968	179.47	0.0665	81.3	11.42	0.7296	9.765	98.000
	99.000	103.6974	221.5614	241.2639	3.1491	0.3422	0.5933	180.57	0.0671	82.1	11.73	0.7259	9.643	99.000
	100.000	104.8763	221.9366	241.8654	3.1549	0.3409	0.5900	181.65	0.0676	82.8	12.02	0.7227	9.536	100.000
	101.000	106.0701	222.2898	242.4432	3.1609	0.3394	0.5870	182.73	0.0682	83.6	12.32	0.7196	9.428	101.000
	102.000	107.2517	222.6516	243.0294	3.1666	0.3382	0.5843	183.79	0.0687	84.4	12.61	0.7178	9.324	102.000
	103.000	108.4599	223.0048	243.6122	3.1721	0.3369	0.5815	184.85	0.0693	85.2	12.93	0.7149	9.220	103.000
	104.000	109.6476	223.3592	244.1922	3.1779	0.3359	0.5790	185.89	0.0699	86.0	13.24	0.7124	9.120	104.000
	105.000	110.8125	223.7158	244.7702	3.1834	0.3347	0.5767	186.93	0.0704	86.7	13.53	0.7103	9.024	105.000
	106.000	112.0024	224.0658	245.3454	3.1889	0.3337	0.5745	187.96	0.0710	87.5	13.84	0.7080	8.928	106.000
	107.000	113.1670	224.4178	245.9187	3.1942	0.3327	0.5722	188.97	0.0715	88.3	14.14	0.7067	8.836	107.000
	108.000	114.3038	224.7722	246.4899	3.1994	0.3319	0.5702	189.97	0.0721	89.1	14.46	0.7047	8.749	108.000
	109.000	115.4638	225.1268	247.0589	3.2047	0.3309	0.5682	190.97	0.0727	89.9	14.77	0.7027	8.661	109.000
	110.000	116.6475	225.4831	247.6261	3.2099	0.3302	0.5665	191.97	0.0733	90.6	15.09	0.7002	8.573	110.000
	111.000	117.8002	225.8394	248.1914	3.2149	0.3294	0.5647	192.95	0.0738	91.4	15.39	0.6994	8.489	111.000
	112.000	118.9768	226.1494	248.7549	3.2199	0.3287	0.5632	193.92	0.0744	92.2	15.72	0.6980	8.406	112.000
	113.000	120.1178	226.4952	249.3176	3.2249	0.3279	0.5615	194.90	0.0750	93.0	16.04	0.6962	8.325	113.000
	114.000	121.2817	226.8346	249.8781	3.2299	0.3272	0.5600	195.86	0.0755	93.8	16.35	0.6957	8.245	114.000
	115.000	122.4685	227.1802	250.4378	3.2347	0.3267	0.5587	196.81	0.0761	94.6	16.67	0.6946	8.169	115.000
	116.000	123.5585	227.5281	250.9958	3.2397	0.3259	0.5572	197.76	0.0767	95.4	17.01	0.6931	8.093	116.000
	117.000	124.7262	227.8543	251.5522	3.2445	0.3254	0.5560	198.70	0.0773	96.1	17.34	0.6912	8.018	117.000
	118.000	125.8649	228.1951	252.1075	3.2492	0.3249	0.5547	199.64	0.0779	96.9	17.67	0.6900	7.946	118.000
	119.000	127.0043	228.5389	252.6617	3.2537	0.3244	0.5537	200.57	0.0784	97.7	17.98	0.6900	7.874	119.000
	120.000	128.1092	228.8737	253.2144	3.2585	0.3239	0.5526	201.49	0.0790	98.5	18.32	0.6888	7.806	120.000
	121.000	129.3003	229.1996	253.7666	3.2630	0.3234	0.5515	202.41	0.0796	99.3	18.66	0.6879	7.734	121.000
	122.000	130.3778	229.5455	254.3173	3.2675	0.3229	0.5505	203.32	0.0802	100.1	19.00	0.6871	7.670	122.000
	123.000	131.5425	229.8745	254.8676	3.2720	0.3224	0.5495	204.23	0.0808	100.9	19.34	0.6862	7.602	123.000
	124.000	132.6579	230.2115	255.4165	3.2765	0.3222	0.5487	205.13	0.0814	101.7	19.68	0.6856	7.538	124.000
	125.000	133.7923	230.5439	255.9645	3.2808	0.3217	0.5477	206.03	0.0820	102.4	20.03	0.6840	7.474	125.000
	126.000	134.9463	230.8719	256.5117	3.2850	0.3214	0.5470	206.92	0.0825	103.2	20.35	0.6842	7.410	126.000
	127.000	136.0464	231.2094	257.0582	3.2895	0.3209	0.5460	207.80	0.0831	104.0	20.71	0.6833	7.350	127.000
	128.000	137.1646	231.5424	257.6036	3.2938	0.3207	0.5452	208.68	0.0837	104.8	21.06	0.6827	7.291	128.000

THERMODYNAMIC PROPERTIES OF ARGON

1.9 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
129.000	138.3013	231.8711	258.1483	3.2986	0.3204	0.5445	209.56	0.0843	106.6	21.41	0.6820	7.231	129.000
130.000	139.4571	232.1959	258.5928	3.3026	0.3199	0.5446	210.43	0.0849	106.4	21.77	0.6817	7.171	130.000
131.000	140.6533	232.5309	259.2368	3.3063	0.3197	0.5432	211.38	0.0855	107.2	22.12	0.6811	7.115	131.000
132.000	141.8669	232.8628	259.7787	3.3103	0.3194	0.5425	212.16	0.0861	108.0	22.49	0.6804	7.059	132.000
133.000	142.7983	233.1892	260.3209	3.3146	0.3192	0.5428	213.01	0.0867	108.7	22.84	0.6795	7.003	133.000
134.000	143.9479	233.5123	260.8624	3.3186	0.3189	0.5412	213.87	0.0873	109.5	23.22	0.6788	6.947	134.000
135.000	145.0321	233.8478	261.4031	3.3226	0.3187	0.5407	214.72	0.0879	110.3	23.58	0.6785	6.895	135.000
136.000	146.2161	234.1623	261.9438	3.3266	0.3184	0.5402	215.56	0.0885	111.1	23.95	0.6782	6.839	136.000
137.000	147.3369	234.4892	262.4832	3.3303	0.3182	0.5397	216.48	0.0890	111.9	24.30	0.6786	6.787	137.000
138.000	148.4738	234.8128	263.0227	3.3343	0.3179	0.5390	217.24	0.0896	112.7	24.68	0.6779	6.736	138.000
139.000	149.5378	235.1493	263.5614	3.3383	0.3177	0.5384	218.07	0.0902	113.5	25.05	0.6775	6.687	139.000
140.000	150.7077	235.4651	264.0996	3.3421	0.3177	0.5382	218.96	0.0908	114.3	25.43	0.6775	6.635	140.000
141.000	151.8644	235.7947	264.6375	3.3458	0.3174	0.5377	219.72	0.0914	115.0	25.80	0.6765	6.587	141.000
142.000	152.9172	236.1285	265.1747	3.3496	0.3172	0.5372	220.54	0.0920	115.8	26.19	0.6762	6.539	142.000
143.000	154.0464	236.4428	265.7117	3.3534	0.3169	0.5367	221.36	0.0926	116.6	26.58	0.6758	6.492	143.000
144.000	155.0963	236.7798	266.2481	3.3571	0.3169	0.5364	222.17	0.0932	117.4	26.95	0.6757	6.448	144.000
145.000	156.2581	237.0958	266.7841	3.3609	0.3167	0.5359	222.98	0.0938	118.2	27.35	0.6754	6.400	145.000
146.000	157.3384	237.4254	267.3197	3.3646	0.3164	0.5354	223.79	0.0944	119.0	27.74	0.6750	6.356	146.000
147.000	158.4338	237.7528	267.8552	3.3681	0.3164	0.5352	224.59	0.0950	119.7	28.12	0.6743	6.312	147.000
148.000	159.5446	238.0767	268.3902	3.3719	0.3162	0.5349	225.39	0.0956	120.5	28.51	0.6743	6.268	148.000
149.000	160.6718	238.3973	268.9248	3.3754	0.3162	0.5344	226.18	0.0962	121.3	28.92	0.6739	6.224	149.000
150.000	161.8135	238.7145	269.4590	3.3789	0.3159	0.5342	226.97	0.0968	122.1	29.32	0.6738	6.180	150.000
151.000	162.8663	239.0484	269.9930	3.3824	0.3159	0.5339	227.76	0.0973	122.9	29.68	0.6744	6.140	151.000
152.000	164.0483	239.3598	270.5267	3.3859	0.3157	0.5334	228.55	0.0979	123.6	30.11	0.6735	6.096	152.000
153.000	165.1223	239.6866	271.0599	3.3894	0.3157	0.5332	229.33	0.0985	124.4	30.50	0.6734	6.056	153.000
154.000	166.2188	240.0116	271.5930	3.3929	0.3154	0.5329	230.11	0.0991	125.2	30.91	0.6733	6.016	154.000
155.000	167.3298	240.3331	272.1258	3.3964	0.3154	0.5327	230.89	0.0997	126.0	31.32	0.6732	5.978	155.000
156.000	168.4559	240.6516	272.6582	3.3999	0.3152	0.5324	231.66	0.1003	126.8	31.73	0.6731	5.938	156.000
157.000	169.5972	240.9669	273.1904	3.4032	0.3152	0.5322	232.43	0.1009	127.5	32.15	0.6725	5.898	157.000
158.000	170.8376	241.3012	273.7223	3.4067	0.3149	0.5319	233.20	0.1015	128.3	32.56	0.6724	5.860	158.000
159.000	171.8888	241.6184	274.2540	3.4099	0.3149	0.5317	233.96	0.1021	129.1	32.99	0.6723	5.820	159.000
160.000	172.8767	241.9389	274.7855	3.4132	0.3149	0.5314	234.72	0.1027	129.9	33.41	0.6722	5.784	160.000
161.000	173.9679	242.2646	275.3167	3.4164	0.3147	0.5312	235.48	0.1033	130.6	33.83	0.6718	5.749	161.000
162.000	175.0527	242.5875	275.8476	3.4197	0.3147	0.5309	236.24	0.1038	131.4	34.22	0.6721	5.713	162.000
163.000	176.1615	242.9078	276.3785	3.4229	0.3147	0.5307	236.99	0.1044	132.2	34.66	0.6720	5.677	163.000
164.000	177.2843	243.2249	276.9090	3.4262	0.3144	0.5304	237.74	0.1050	133.0	35.09	0.6719	5.641	164.000
165.000	178.4215	243.5393	277.4394	3.4295	0.3144	0.5302	238.49	0.1056	133.7	35.54	0.6713	5.605	165.000
166.000	179.4447	243.8751	277.9696	3.4327	0.3144	0.5302	239.24	0.1062	134.5	35.94	0.6715	5.573	166.000
167.000	180.6186	244.1834	278.4993	3.4360	0.3142	0.5299	239.98	0.1068	135.3	36.40	0.6714	5.537	167.000
168.000	181.6585	244.5141	279.0292	3.4390	0.3142	0.5297	240.72	0.1074	136.0	36.83	0.6707	5.505	168.000
169.000	182.7193	244.8428	279.5587	3.4422	0.3142	0.5294	241.45	0.1080	136.8	37.27	0.6706	5.473	169.000
170.000	183.9276	245.1416	280.0879	3.4452	0.3142	0.5294	242.19	0.1086	137.6	37.73	0.6708	5.437	170.000
171.000	185.0161	245.4644	280.6173	3.4485	0.3139	0.5292	242.92	0.1091	138.3	38.14	0.6708	5.405	171.000
172.000	186.1156	245.7843	281.1462	3.4515	0.3139	0.5289	243.65	0.1097	139.1	38.60	0.6707	5.373	172.000
173.000	187.2292	246.1016	281.6752	3.4545	0.3139	0.5289	244.38	0.1103	139.9	39.04	0.6709	5.341	173.000

THERMODYNAMIC PROPERTIES OF ARGON

1.9 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
174.000	188.2146	246.4433	282.2841	3.4575	0.3139	0.5287	245.10	0.1109	140.6	39.48	0.6703	5.313	174.000
176.000	189.3536	246.7554	282.7325	3.4605	0.3139	0.5287	245.83	0.1115	141.4	39.93	0.6705	5.281	176.000
176.000	190.5864	247.0648	283.2610	3.4635	0.3137	0.5284	246.55	0.1121	142.2	40.41	0.6703	5.249	176.000
177.000	191.5267	247.3994	283.7894	3.4665	0.3137	0.5282	247.26	0.1126	142.9	40.83	0.6703	5.221	177.000
178.000	192.7063	247.7034	284.3176	3.4695	0.3137	0.5282	247.98	0.1132	143.7	41.30	0.6705	5.189	178.000
179.000	193.7503	248.0330	284.8455	3.4725	0.3137	0.5279	248.69	0.1138	144.4	41.76	0.6699	5.161	179.000
180.000	194.8858	248.3604	285.3735	3.4753	0.3137	0.5279	249.40	0.1144	145.2	42.21	0.6701	5.133	180.000
181.000	195.8728	248.6853	285.9012	3.4783	0.3134	0.5277	250.11	0.1150	146.0	42.69	0.6699	5.105	181.000
182.000	197.1000	248.9788	286.4291	3.4813	0.3134	0.5277	250.82	0.1156	146.7	43.18	0.6698	5.073	182.000
183.000	198.1991	249.2987	286.9566	3.4840	0.3134	0.5274	251.52	0.1161	147.5	43.63	0.6701	5.045	183.000
184.000	199.3037	249.6163	287.4840	3.4870	0.3134	0.5274	252.23	0.1167	148.2	44.10	0.6698	5.017	184.000
185.000	200.2683	249.9619	288.0114	3.4898	0.3134	0.5272	252.93	0.1173	149.0	44.56	0.6697	4.994	185.000
186.000	201.3881	250.2746	288.5383	3.4925	0.3134	0.5272	253.62	0.1179	149.7	45.04	0.6694	4.966	186.000
187.000	202.5287	250.5848	289.0653	3.4953	0.3132	0.5269	254.32	0.1184	150.5	45.51	0.6698	4.938	187.000
188.000	203.6822	250.8928	289.5924	3.4983	0.3132	0.5269	255.01	0.1190	151.2	46.00	0.6695	4.910	188.000
189.000	204.6815	251.2299	290.1194	3.5011	0.3132	0.5269	255.70	0.1196	152.0	46.46	0.6697	4.886	189.000
190.000	205.8597	251.5325	290.6458	3.5038	0.3132	0.5267	256.39	0.1202	152.7	46.98	0.6691	4.858	190.000
191.000	206.8885	251.8552	291.1725	3.5066	0.3132	0.5267	257.08	0.1208	153.5	47.46	0.6693	4.834	191.000
192.000	207.9115	252.1968	291.6992	3.5093	0.3132	0.5264	257.77	0.1213	154.2	47.91	0.6692	4.810	192.000
193.000	209.1273	252.4912	292.2254	3.5121	0.3132	0.5264	258.45	0.1219	155.0	48.43	0.6694	4.782	193.000
194.000	210.1869	252.8174	292.7518	3.5146	0.3132	0.5264	259.13	0.1225	155.7	48.91	0.6691	4.758	194.000
195.000	211.2451	253.1414	293.2780	3.5173	0.3132	0.5262	259.81	0.1231	156.5	49.42	0.6698	4.734	195.000
196.000	212.3201	253.4633	293.8042	3.5201	0.3129	0.5262	260.49	0.1236	157.2	49.87	0.6692	4.710	196.000
197.000	213.4662	253.7832	294.3304	3.5228	0.3129	0.5262	261.17	0.1242	158.0	50.37	0.6694	4.686	197.000
198.000	214.5034	254.1006	294.8563	3.5253	0.3129	0.5259	261.84	0.1248	158.7	50.90	0.6688	4.662	198.000
199.000	215.6119	254.4166	295.3822	3.5281	0.3129	0.5259	262.51	0.1253	159.4	51.37	0.6691	4.638	199.000
200.000	216.7328	254.7288	295.9079	3.5306	0.3129	0.5259	263.18	0.1259	160.2	51.88	0.6692	4.614	200.000
202.000	220.1631	255.1326	296.9635	3.5371	0.3129	0.5257	264.52	0.1270	161.7	53.19	0.6693	4.542	202.000
204.000	222.5115	255.7875	298.0146	3.5424	0.3129	0.5254	265.85	0.1282	163.1	54.29	0.6685	4.494	204.000
206.000	224.7006	256.3709	299.0655	3.5474	0.3129	0.5254	267.17	0.1293	164.6	55.30	0.6689	4.450	206.000
208.000	226.7448	257.0348	300.1161	3.5526	0.3127	0.5252	268.48	0.1304	166.1	56.30	0.6690	4.410	208.000
210.000	229.0268	257.6513	301.1663	3.5576	0.3127	0.5252	269.79	0.1316	167.5	57.39	0.6685	4.366	210.000
212.000	231.1487	258.2996	302.2164	3.5624	0.3127	0.5249	271.09	0.1327	169.0	58.43	0.6685	4.326	212.000
214.000	233.5125	258.8986	303.2660	3.5674	0.3127	0.5249	272.38	0.1338	170.4	59.52	0.6685	4.282	214.000
216.000	235.7113	259.5364	304.3156	3.5721	0.3127	0.5247	273.67	0.1349	171.9	60.60	0.6686	4.242	216.000
218.000	237.9519	260.1541	305.3650	3.5771	0.3127	0.5247	274.95	0.1361	173.3	61.72	0.6681	4.203	218.000
220.000	240.0052	260.8131	306.4141	3.5819	0.3127	0.5244	276.22	0.1372	174.8	62.79	0.6682	4.167	220.000
222.000	242.3286	261.4265	307.4630	3.5867	0.3127	0.5244	277.49	0.1383	176.2	63.91	0.6681	4.127	222.000
224.000	244.4584	262.0647	308.5118	3.5914	0.3124	0.5244	278.76	0.1394	177.6	64.98	0.6681	4.091	224.000
226.000	246.6261	262.7012	309.5602	3.5959	0.3124	0.5242	280.01	0.1405	179.1	66.10	0.6682	4.055	226.000
228.000	248.8324	263.3364	310.6086	3.6004	0.3124	0.5242	281.26	0.1416	180.5	67.22	0.6682	4.019	228.000
230.000	251.0787	263.9517	311.6566	3.6052	0.3124	0.5242	282.51	0.1427	181.9	68.35	0.6682	3.983	230.000
232.000	253.1696	264.6139	312.7047	3.6097	0.3124	0.5239	283.75	0.1438	183.3	69.47	0.6678	3.951	232.000
234.000	255.4341	265.2262	313.7526	3.6142	0.3124	0.5239	284.98	0.1449	184.8	70.64	0.6682	3.915	234.000
236.000	257.5365	265.8683	314.8002	3.6187	0.3124	0.5239	286.21	0.1460	186.2	71.77	0.6682	3.883	236.000

THERMODYNAMIC PROPERTIES OF ARGON

1.9 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
238.000	259.6737	266.5899	315.8478	3.6238	0.3124	0.5237	287.43	0.1471	187.6	72.94	0.6679	3.851	238.000
240.000	261.8467	267.1443	316.8952	3.6276	0.3124	0.5237	288.64	0.1482	189.0	74.10	0.6679	3.819	240.000
242.000	264.0564	267.7719	317.9426	3.6317	0.3124	0.5237	289.86	0.1493	190.4	75.28	0.6678	3.787	242.000
244.000	266.2636	268.3918	318.9894	3.6360	0.3124	0.5234	291.06	0.1504	191.8	76.52	0.6675	3.755	244.000
246.000	268.5695	269.0045	320.0365	3.6402	0.3124	0.5234	292.26	0.1514	193.1	77.69	0.6676	3.723	246.000
248.000	270.6221	269.6052	321.0834	3.6445	0.3124	0.5234	293.46	0.1525	194.5	78.84	0.6676	3.695	248.000
250.000	272.9836	270.2032	322.1300	3.6487	0.3124	0.5234	294.65	0.1536	196.9	80.11	0.6676	3.663	250.000
252.000	275.0829	270.9109	323.1766	3.6527	0.3124	0.5232	295.83	0.1547	197.3	81.34	0.6672	3.635	252.000
254.000	277.2153	271.5523	324.2232	3.6570	0.3124	0.5232	297.01	0.1557	198.7	82.58	0.6677	3.607	254.000
256.000	279.3811	272.1872	325.2698	3.6610	0.3124	0.5232	298.19	0.1568	200.0	83.73	0.6673	3.579	256.000
258.000	281.5809	272.8156	326.3159	3.6650	0.3124	0.5232	299.36	0.1578	201.4	84.93	0.6677	3.551	258.000
260.000	283.8157	273.4371	327.3621	3.6690	0.3124	0.5232	300.53	0.1589	202.8	86.20	0.6677	3.523	260.000
262.000	286.0862	274.0518	328.4082	3.6730	0.3124	0.5229	301.69	0.1600	204.1	87.53	0.6671	3.495	262.000
264.000	288.3933	274.6593	329.4540	3.6770	0.3122	0.5229	302.85	0.1610	205.5	88.79	0.6675	3.467	264.000
266.000	290.4987	275.3240	330.5002	3.6810	0.3122	0.5229	304.00	0.1621	206.8	90.02	0.6671	3.444	266.000
268.000	292.4382	275.9828	331.5457	3.6850	0.3122	0.5229	305.15	0.1631	208.2	91.21	0.6675	3.420	268.000
270.000	294.8474	276.5786	332.5916	3.6888	0.3122	0.5229	306.29	0.1642	209.5	92.58	0.6672	3.392	270.000
272.000	296.9468	277.2176	333.6372	3.6925	0.3122	0.5227	307.43	0.1652	210.8	93.85	0.6670	3.368	272.000
274.000	299.0746	277.8587	334.6828	3.6966	0.3122	0.5227	308.56	0.1662	212.2	95.10	0.6673	3.344	274.000
276.000	301.2348	278.4937	335.7282	3.7003	0.3122	0.5227	309.69	0.1673	213.5	96.42	0.6670	3.320	276.000
278.000	303.4247	279.1228	336.7735	3.7041	0.3122	0.5227	310.82	0.1683	214.8	97.70	0.6671	3.296	278.000
280.000	305.6478	279.7458	337.8189	3.7078	0.3122	0.5227	311.94	0.1693	216.2	99.00	0.6675	3.272	280.000
282.000	307.9034	280.3624	338.8640	3.7116	0.3122	0.5227	313.06	0.1704	217.5	100.38	0.6672	3.248	282.000
284.000	310.1928	280.9725	339.9091	3.7151	0.3122	0.5227	314.17	0.1714	218.8	101.72	0.6672	3.224	284.000
286.000	312.1265	281.6562	340.9542	3.7188	0.3122	0.5224	315.28	0.1724	220.1	103.00	0.6670	3.204	286.000
288.000	314.4792	282.2483	341.9994	3.7223	0.3122	0.5224	316.39	0.1734	221.4	104.38	0.6670	3.180	288.000
290.000	316.4670	282.9155	343.0442	3.7261	0.3122	0.5224	317.49	0.1745	222.7	105.71	0.6667	3.160	290.000
292.000	318.8869	283.5067	344.0891	3.7296	0.3122	0.5224	318.59	0.1755	224.0	107.12	0.6668	3.136	292.000
294.000	320.9306	284.1572	345.1339	3.7331	0.3122	0.5224	319.68	0.1765	225.3	108.42	0.6669	3.116	294.000
296.000	323.0005	284.8087	346.1788	3.7366	0.3122	0.5224	320.77	0.1775	226.6	109.74	0.6669	3.096	296.000
298.000	325.5207	285.3744	347.2234	3.7401	0.3122	0.5224	321.86	0.1785	227.9	111.22	0.6670	3.072	298.000
300.000	327.6511	286.0143	348.2688	3.7436	0.3122	0.5224	322.94	0.1795	229.2	112.58	0.6671	3.052	300.000
302.000	329.8895	286.6488	349.3126	3.7471	0.3122	0.5222	324.02	0.1805	230.5	114.00	0.6668	3.032	302.000
304.000	331.9966	287.2779	350.3572	3.7506	0.3122	0.5222	325.09	0.1815	231.7	115.40	0.6666	3.012	304.000
306.000	334.2129	287.9011	351.4018	3.7541	0.3122	0.5222	326.17	0.1825	233.0	116.81	0.6667	2.992	306.000
308.000	336.6673	288.6048	352.4462	3.7574	0.3122	0.5222	327.23	0.1835	234.3	118.08	0.6667	2.976	308.000
310.000	338.2776	289.2178	353.4905	3.7609	0.3122	0.5222	328.30	0.1845	235.6	119.52	0.6668	2.956	310.000
312.000	340.5788	289.8246	354.5348	3.7641	0.3122	0.5222	329.36	0.1855	236.8	120.99	0.6666	2.936	312.000
314.000	342.9116	290.4258	355.5790	3.7674	0.3122	0.5222	330.42	0.1864	238.1	122.41	0.6670	2.916	314.000
316.000	344.8869	291.1189	356.6231	3.7707	0.3122	0.5222	331.47	0.1874	239.3	123.74	0.6668	2.900	316.000
318.000	347.1928	291.7618	357.6674	3.7742	0.3122	0.5222	332.52	0.1884	240.6	125.27	0.6669	2.880	318.000
320.000	349.1289	292.3778	358.7115	3.7774	0.3122	0.5222	333.57	0.1894	241.9	126.63	0.6669	2.864	320.000
322.000	351.5887	292.9553	359.7556	3.7807	0.3122	0.5219	334.61	0.1904	243.1	128.26	0.6664	2.844	322.000
324.000	353.5678	293.6218	360.7995	3.7837	0.3122	0.5219	335.65	0.1913	244.3	129.59	0.6665	2.828	324.000
326.000	355.5759	294.2842	361.8436	3.7869	0.3122	0.5219	336.69	0.1923	245.6	131.01	0.6666	2.812	326.000

THERMODYNAMIC PROPERTIES OF ARGON

1.9 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
328.000	358.1194	294.8448	362.8875	3.7902	0.3122	0.5219	337.72	0.1933	246.8	132.63	0.6664	2.792	328.000
330.000	360.1805	295.4978	363.9313	3.7934	0.3122	0.5219	338.75	0.1942	248.1	134.02	0.6668	2.776	330.000
332.000	362.2655	296.1448	364.9752	3.7964	0.3122	0.5219	339.78	0.1952	249.3	135.49	0.6666	2.760	332.000
334.000	364.3747	296.7879	366.0191	3.7997	0.3122	0.5219	340.81	0.1962	250.5	136.97	0.6664	2.744	334.000
336.000	366.5087	297.4262	367.0629	3.8027	0.3122	0.5219	341.83	0.1971	251.7	138.41	0.6665	2.728	336.000
338.000	368.6678	298.0599	368.1068	3.8057	0.3122	0.5219	342.84	0.1981	253.0	139.93	0.6666	2.712	338.000
340.000	370.8525	298.6884	369.1504	3.8090	0.3122	0.5219	343.86	0.1990	254.2	141.48	0.6667	2.696	340.000
342.000	373.0632	299.3120	370.1940	3.8120	0.3122	0.5219	344.87	0.2000	255.4	142.96	0.6665	2.681	342.000
344.000	375.3005	299.9305	371.2376	3.8150	0.3122	0.5219	345.88	0.2009	256.6	144.46	0.6666	2.665	344.000
346.000	377.5648	300.5439	372.2812	3.8180	0.3122	0.5217	346.89	0.2019	257.8	146.13	0.6661	2.649	346.000
348.000	379.8565	301.1521	373.3248	3.8210	0.3122	0.5217	347.89	0.2028	259.0	147.67	0.6662	2.633	348.000
350.000	381.5937	301.8654	374.3682	3.8240	0.3122	0.5217	348.89	0.2037	260.2	149.00	0.6664	2.621	350.000
352.000	383.9347	302.4642	375.4118	3.8270	0.3122	0.5217	349.89	0.2047	261.4	150.65	0.6662	2.605	352.000
354.000	386.3047	303.0572	376.4551	3.8297	0.3122	0.5217	350.88	0.2056	262.6	152.25	0.6663	2.589	354.000
356.000	388.1015	303.7595	377.4987	3.8327	0.3122	0.5217	351.87	0.2066	263.8	153.78	0.6661	2.577	356.000
358.000	390.5233	304.3427	378.5421	3.8357	0.3122	0.5217	352.86	0.2075	265.0	155.33	0.6662	2.561	358.000
360.000	392.9766	304.9201	379.5854	3.8385	0.3122	0.5217	353.85	0.2084	266.2	156.99	0.6664	2.545	360.000
362.000	394.8351	305.6102	380.6288	3.8415	0.3122	0.5217	354.83	0.2093	267.4	158.41	0.6665	2.533	362.000
364.000	396.7122	306.2968	381.6721	3.8442	0.3122	0.5217	355.81	0.2103	268.6	159.92	0.6663	2.521	364.000
366.000	399.2431	306.8591	382.7153	3.8473	0.3122	0.5217	356.79	0.2112	269.7	161.63	0.6662	2.505	366.000
368.000	401.1626	307.5377	383.7586	3.8500	0.3122	0.5217	357.76	0.2121	270.9	163.16	0.6663	2.493	368.000
370.000	403.7507	308.0891	384.8017	3.8528	0.3122	0.5217	358.73	0.2130	272.1	164.85	0.6664	2.477	370.000
372.000	405.7138	308.7595	385.8451	3.8555	0.3122	0.5217	359.70	0.2139	273.3	166.35	0.6665	2.465	372.000
374.000	407.6961	309.4259	386.8882	3.8583	0.3122	0.5217	360.67	0.2149	274.4	167.96	0.6661	2.453	374.000
376.000	409.6979	310.0887	387.9313	3.8610	0.3122	0.5217	361.63	0.2158	275.6	169.48	0.6662	2.441	376.000
378.000	412.3977	310.6189	388.9744	3.8638	0.3122	0.5217	362.60	0.2167	276.8	171.31	0.6664	2.425	378.000
380.000	414.4461	311.2728	390.0175	3.8665	0.3122	0.5214	363.55	0.2176	277.9	172.96	0.6659	2.413	380.000
382.000	416.5149	311.9228	391.0606	3.8693	0.3122	0.5214	364.51	0.2185	279.1	174.64	0.6660	2.401	382.000
384.000	418.6044	312.5686	392.1035	3.8720	0.3122	0.5214	365.46	0.2194	280.2	176.14	0.6659	2.389	384.000
386.000	420.7150	313.2107	393.1466	3.8748	0.3122	0.5214	366.42	0.2203	281.4	177.75	0.6660	2.377	386.000
388.000	422.8470	313.8485	394.1894	3.8775	0.3122	0.5214	367.36	0.2212	282.5	179.38	0.6659	2.365	388.000
390.000	425.0007	314.4824	395.2325	3.8800	0.3122	0.5214	368.31	0.2221	283.7	181.03	0.6660	2.353	390.000
392.000	427.1765	315.1118	396.2754	3.8828	0.3122	0.5214	369.26	0.2230	284.8	182.69	0.6659	2.341	392.000
394.000	429.3747	315.7373	397.3185	3.8858	0.3122	0.5214	370.20	0.2239	285.9	184.37	0.6658	2.329	394.000
396.000	431.5956	316.3592	398.3614	3.8881	0.3122	0.5214	371.14	0.2248	287.1	186.07	0.6659	2.317	396.000
398.000	433.8396	316.9747	399.4042	3.8906	0.3122	0.5214	372.07	0.2256	288.2	187.70	0.6661	2.305	398.000
400.000	436.1070	317.5867	400.4471	3.8933	0.3122	0.5214	373.01	0.2265	289.3	189.44	0.6660	2.293	400.000

THERMODYNAMIC PROPERTIES OF ARGON

2.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
86.000	0.7136	72.1485	72.2912	1.3417	0.9022	1.3112	601.39	1.3047	2699.7	0.71	2.7132	1401.288	86.000
87.000	0.7168	73.4471	73.5984	1.3568	0.8621	1.2834	598.99	1.2866	2619.6	0.72	2.6131	1395.124	87.000
88.000	0.7200	74.7176	74.8616	1.3713	0.8261	1.2599	615.74	1.2692	2543.2	0.73	2.5245	1388.962	88.000
89.000	0.7232	75.9671	76.1117	1.3856	0.7938	1.2404	621.67	1.2521	2470.2	0.73	2.4470	1382.752	89.000
90.000	0.7265	77.1972	77.3425	1.3991	0.7647	1.2238	626.70	1.2365	2400.2	0.73	2.3775	1376.508	90.000
91.000	0.7298	78.4132	78.5591	1.4126	0.7390	1.2103	630.80	1.2192	2332.8	0.74	2.3158	1370.196	91.000
92.000	0.7332	79.6168	79.7634	1.4259	0.7157	1.1996	634.26	1.2034	2268.3	0.74	2.2611	1363.861	92.000
93.000	0.7367	80.8109	80.9682	1.4386	0.6949	1.1908	636.85	1.1878	2206.1	0.73	2.2117	1357.449	93.000
94.000	0.7402	81.9962	82.1463	1.4514	0.6759	1.1840	638.68	1.1724	2146.1	0.73	2.1674	1350.962	94.000
• 94.250	0.7411	82.2882	82.4364	1.4544	0.6716	1.1825	639.09	1.1687	2131.7	0.73	2.1569	1349.364	94.250
• 94.250	92.8163	219.6619	238.2252	3.1075	0.3527	0.6173	174.93	0.0647	78.4	9.73	0.7488	10.774	94.250
95.000	93.6496	219.9576	238.6875	3.1123	0.3512	0.6138	175.89	0.0651	79.0	9.93	0.7449	10.678	95.000
96.000	94.8282	220.3348	239.2988	3.1188	0.3492	0.6093	176.95	0.0657	79.8	10.22	0.7401	10.546	96.000
97.000	95.9469	220.7165	239.9059	3.1251	0.3475	0.6053	178.08	0.0662	80.6	10.49	0.7378	10.422	97.000
98.000	97.1066	221.0990	240.5092	3.1311	0.3457	0.6013	179.20	0.0668	81.3	10.79	0.7318	10.299	98.000
99.000	98.2439	221.4662	241.1089	3.1373	0.3439	0.5978	180.36	0.0673	82.1	11.06	0.7292	10.179	99.000
100.000	99.4144	221.8216	241.7045	3.1433	0.3424	0.5943	181.48	0.0678	82.9	11.34	0.7266	10.059	100.000
101.000	100.5823	222.1906	242.2978	3.1491	0.3409	0.5910	182.48	0.0684	83.7	11.63	0.7232	9.947	101.000
102.000	101.6756	222.5514	242.8865	3.1549	0.3397	0.5880	183.55	0.0689	84.4	11.91	0.7203	9.836	102.000
103.000	102.8031	222.9121	243.4727	3.1606	0.3384	0.5853	184.61	0.0695	85.2	12.21	0.7176	9.727	103.000
104.000	103.9126	223.2748	244.0565	3.1664	0.3372	0.5825	185.66	0.0700	86.0	12.49	0.7157	9.623	104.000
105.000	105.0463	223.6285	244.6378	3.1719	0.3359	0.5800	186.71	0.0706	86.8	12.79	0.7131	9.520	105.000
106.000	106.1681	223.9845	245.2165	3.1774	0.3349	0.5775	187.74	0.0712	87.6	13.09	0.7105	9.420	106.000
107.000	107.2977	224.3332	245.7928	3.1826	0.3339	0.5752	188.76	0.0717	88.4	13.37	0.7092	9.328	107.000
108.000	108.4129	224.6844	246.3670	3.1879	0.3329	0.5732	189.78	0.0723	89.1	13.67	0.7064	9.224	108.000
109.000	109.5037	225.0373	246.9388	3.1932	0.3322	0.5712	190.78	0.0729	89.9	13.97	0.7045	9.132	109.000
110.000	110.6166	225.3857	247.5090	3.1984	0.3312	0.5692	191.78	0.0734	90.7	14.26	0.7034	9.040	110.000
111.000	111.7026	225.7367	248.0773	3.2037	0.3304	0.5675	192.77	0.0740	91.5	14.57	0.7017	8.952	111.000
112.000	112.8160	226.0815	248.6435	3.2087	0.3297	0.5657	193.75	0.0746	92.3	14.88	0.7000	8.864	112.000
113.000	113.9397	226.4283	249.2082	3.2137	0.3289	0.5640	194.73	0.0751	93.1	15.17	0.6992	8.777	113.000
114.000	115.0393	226.7633	249.7712	3.2187	0.3282	0.5625	195.69	0.0757	93.8	15.48	0.6970	8.693	114.000
115.000	116.1664	227.1116	250.3329	3.2234	0.3274	0.5610	196.65	0.0763	94.6	15.79	0.6955	8.613	115.000
116.000	117.1936	227.4642	250.8929	3.2284	0.3267	0.5595	197.61	0.0769	95.4	16.11	0.6941	8.533	116.000
117.000	118.3812	227.7911	251.4514	3.2332	0.3262	0.5582	198.55	0.0774	96.2	16.40	0.6938	8.453	117.000
118.000	119.3731	228.1345	252.0091	3.2380	0.3257	0.5567	199.49	0.0780	97.0	16.72	0.6923	8.377	118.000
119.000	120.4646	228.4719	252.5648	3.2425	0.3252	0.5555	200.43	0.0786	97.8	17.05	0.6912	8.301	119.000
120.000	121.5762	228.8048	253.1200	3.2472	0.3244	0.5545	201.36	0.0792	98.6	17.37	0.6903	8.225	120.000
121.000	122.6484	229.1438	253.6735	3.2517	0.3239	0.5532	202.28	0.0798	99.3	17.69	0.6884	8.153	121.000
122.000	123.7397	229.4783	254.2262	3.2562	0.3237	0.5522	203.19	0.0803	100.1	17.99	0.6884	8.081	122.000
123.000	124.8586	229.8078	254.7780	3.2607	0.3232	0.5512	204.10	0.0809	100.9	18.32	0.6875	8.010	123.000
124.000	125.9182	230.1448	255.3284	3.2652	0.3227	0.5502	205.01	0.0815	101.7	18.65	0.6866	7.942	124.000
125.000	127.0043	230.4778	255.8779	3.2698	0.3222	0.5492	205.91	0.0821	102.5	18.99	0.6857	7.874	125.000
126.000	128.0437	230.8181	256.4268	3.2745	0.3219	0.5485	206.80	0.0827	103.3	19.31	0.6851	7.810	126.000
127.000	129.1669	231.1414	256.9748	3.2788	0.3214	0.5475	207.69	0.0833	104.1	19.65	0.6842	7.742	127.000
128.000	130.2422	231.4734	257.5218	3.2825	0.3212	0.5467	208.57	0.0839	104.9	19.99	0.6836	7.678	128.000

THERMODYNAMIC PROPERTIES OF ARGON

2.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
129.000	131.2666	231.8146	258.6686	3.2888	0.3207	0.5466	209.45	0.0844	105.6	20.29	0.6831	7.618	129.000
130.000	132.3773	232.1388	258.6134	3.2918	0.3204	0.5452	210.32	0.0850	106.4	20.64	0.6825	7.554	130.000
131.000	133.4857	232.4718	259.1681	3.2953	0.3202	0.5445	211.19	0.0856	107.2	20.98	0.6818	7.494	131.000
132.000	134.5112	232.7998	259.7021	3.2993	0.3199	0.5437	212.06	0.0862	108.0	21.33	0.6812	7.434	132.000
133.000	135.6042	233.1247	260.2455	3.3035	0.3194	0.5430	212.92	0.0868	108.8	21.68	0.6806	7.374	133.000
134.000	136.6405	233.4602	260.7883	3.3075	0.3192	0.5425	213.77	0.0874	109.6	22.02	0.6802	7.318	134.000
135.000	137.6928	233.7914	261.3300	3.3116	0.3189	0.5417	214.62	0.0880	110.4	22.37	0.6796	7.263	135.000
136.000	138.7613	234.1194	261.8717	3.3156	0.3187	0.5412	215.47	0.0886	111.1	22.72	0.6786	7.207	136.000
137.000	139.8466	234.4438	262.4124	3.3196	0.3184	0.5407	216.31	0.0892	111.9	23.07	0.6783	7.151	137.000
138.000	140.9490	234.7638	262.9529	3.3233	0.3182	0.5402	217.15	0.0898	112.7	23.43	0.6780	7.095	138.000
139.000	141.9683	235.0949	263.4926	3.3273	0.3182	0.5397	217.99	0.0903	113.5	23.78	0.6784	7.043	139.000
140.000	143.0431	235.4231	264.0317	3.3311	0.3179	0.5390	218.82	0.0909	114.3	24.13	0.6777	6.991	140.000
141.000	144.1137	235.7479	264.5707	3.3348	0.3177	0.5387	219.64	0.0915	115.1	24.48	0.6776	6.939	141.000
142.000	145.2004	236.0688	265.1089	3.3388	0.3174	0.5382	220.46	0.0921	115.9	24.85	0.6773	6.887	142.000
143.000	146.2181	236.4882	265.6468	3.3426	0.3172	0.5377	221.28	0.0927	116.6	25.21	0.6763	6.839	143.000
144.000	147.2583	236.7346	266.1846	3.3463	0.3172	0.5372	222.10	0.0933	117.4	25.57	0.6760	6.791	144.000
145.000	148.3050	237.0448	266.7218	3.3499	0.3169	0.5367	222.91	0.0939	118.2	25.96	0.6756	6.739	145.000
146.000	149.3588	237.3857	267.2574	3.3538	0.3167	0.5364	223.72	0.0945	119.0	26.31	0.6755	6.695	146.000
147.000	150.4368	237.7867	267.7939	3.3574	0.3167	0.5359	224.52	0.0951	119.8	26.69	0.6751	6.647	147.000
148.000	151.5287	238.0238	268.3298	3.3609	0.3164	0.5357	225.32	0.0957	120.6	27.07	0.6751	6.599	148.000
149.000	152.5444	238.3581	268.8658	3.3644	0.3162	0.5352	226.12	0.0963	121.3	27.45	0.6741	6.555	149.000
150.000	153.6692	238.6663	269.4008	3.3681	0.3162	0.5349	226.91	0.0969	122.1	27.84	0.6741	6.508	150.000
151.000	154.7129	238.9921	269.9346	3.3716	0.3159	0.5347	227.70	0.0975	122.9	28.21	0.6740	6.464	151.000
152.000	155.7719	239.3145	270.4689	3.3751	0.3159	0.5342	228.49	0.0980	123.7	28.58	0.6743	6.420	152.000
153.000	156.7473	239.6536	271.0031	3.3786	0.3157	0.5339	229.28	0.0986	124.5	28.96	0.6742	6.380	153.000
154.000	157.8344	239.9698	271.5367	3.3821	0.3157	0.5337	230.06	0.0992	125.2	29.34	0.6736	6.336	154.000
155.000	158.9368	240.2828	272.0702	3.3854	0.3154	0.5334	230.83	0.0998	126.0	29.73	0.6735	6.292	155.000
156.000	159.9524	240.6126	272.6031	3.3889	0.3154	0.5329	231.61	0.1004	126.8	30.13	0.6731	6.252	156.000
157.000	160.9818	240.9399	273.1361	3.3924	0.3152	0.5327	232.38	0.1010	127.6	30.52	0.6730	6.212	157.000
158.000	162.0229	241.2641	273.6687	3.3957	0.3152	0.5324	233.15	0.1016	128.3	30.92	0.6724	6.172	158.000
159.000	163.0784	241.5853	274.2010	3.3992	0.3152	0.5322	233.92	0.1022	129.1	31.32	0.6723	6.132	159.000
160.000	164.1478	241.9036	274.7332	3.4024	0.3149	0.5319	234.68	0.1028	129.9	31.72	0.6722	6.092	160.000
161.000	165.2313	242.2188	275.2651	3.4057	0.3149	0.5317	235.44	0.1034	130.7	32.13	0.6721	6.052	161.000
162.000	166.2188	242.5528	275.7965	3.4089	0.3149	0.5314	236.20	0.1039	131.4	32.50	0.6721	6.016	162.000
163.000	167.3298	242.8818	276.3277	3.4122	0.3147	0.5312	236.95	0.1045	132.2	32.92	0.6720	5.976	163.000
164.000	168.3426	243.1964	276.8589	3.4154	0.3147	0.5309	237.70	0.1051	133.0	33.32	0.6719	5.940	164.000
165.000	169.3677	243.5163	277.3898	3.4187	0.3147	0.5309	238.45	0.1057	133.8	33.72	0.6721	5.904	165.000
166.000	170.4053	243.8395	277.9205	3.4219	0.3144	0.5307	239.20	0.1063	134.5	34.13	0.6715	5.868	166.000
167.000	171.4558	244.1598	278.4510	3.4250	0.3144	0.5304	239.94	0.1069	135.3	34.55	0.6714	5.832	167.000
168.000	172.5193	244.4776	278.9814	3.4282	0.3144	0.5302	240.68	0.1076	136.1	34.98	0.6712	5.796	168.000
169.000	173.5960	244.7921	279.5114	3.4315	0.3142	0.5299	241.42	0.1081	136.8	35.41	0.6706	5.761	169.000
170.000	174.6863	245.1048	280.0413	3.4345	0.3142	0.5299	242.15	0.1086	137.6	35.80	0.6715	5.726	170.000
171.000	175.7878	245.4376	280.5710	3.4375	0.3142	0.5297	242.89	0.1092	138.4	36.22	0.6713	5.693	171.000
172.000	176.7836	245.7448	281.1007	3.4407	0.3142	0.5294	243.62	0.1098	139.1	36.66	0.6707	5.657	172.000
173.000	177.7879	246.0726	281.6301	3.4437	0.3139	0.5294	244.35	0.1104	139.9	37.07	0.6709	5.625	173.000

THERMODYNAMIC PROPERTIES OF ARGON

2.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
174.000	178.0039	246.3985	282.1593	3.4467	0.3139	0.5292	245.07	0.1110	140.7	37.51	0.6708	5.593	174.000
175.000	179.0315	246.7219	282.6882	3.4497	0.3139	0.5289	245.80	0.1116	141.4	37.94	0.6702	5.561	175.000
176.000	180.0710	247.0436	283.2172	3.4527	0.3139	0.5289	246.52	0.1121	142.2	38.33	0.6710	5.529	176.000
177.000	181.9225	247.3613	283.7458	3.4557	0.3137	0.5287	247.24	0.1127	142.9	38.78	0.6704	5.497	177.000
178.000	182.9864	247.6772	284.2745	3.4587	0.3137	0.5284	247.95	0.1133	143.7	39.23	0.6702	5.466	178.000
179.000	184.0628	247.9902	284.8027	3.4616	0.3137	0.5284	248.67	0.1139	144.5	39.67	0.6704	5.433	179.000
180.000	185.0151	248.3282	285.3312	3.4645	0.3137	0.5282	249.38	0.1145	145.2	40.11	0.6698	5.405	180.000
181.000	186.1156	248.6362	285.8593	3.4675	0.3137	0.5282	250.09	0.1151	146.0	40.56	0.6700	5.373	181.000
182.000	187.2292	248.9414	286.3873	3.4705	0.3137	0.5279	250.80	0.1156	146.7	41.00	0.6700	5.341	182.000
183.000	188.2146	249.2723	286.9152	3.4733	0.3134	0.5279	251.50	0.1162	147.5	41.43	0.6701	5.313	183.000
184.000	189.2104	249.6008	287.4429	3.4763	0.3134	0.5277	252.20	0.1168	148.2	41.88	0.6695	5.285	184.000
185.000	190.3615	249.8983	287.9706	3.4790	0.3134	0.5277	252.90	0.1174	149.0	42.35	0.6697	5.253	185.000
186.000	191.3803	250.2222	288.4983	3.4818	0.3134	0.5274	253.60	0.1179	149.8	42.78	0.6701	5.225	186.000
187.000	192.4106	250.5435	289.0255	3.4845	0.3134	0.5274	254.30	0.1185	150.5	43.23	0.6699	5.197	187.000
188.000	193.4509	250.8627	289.5529	3.4875	0.3134	0.5272	254.99	0.1191	151.3	43.70	0.6697	5.169	188.000
189.000	194.5031	251.1796	290.0801	3.4903	0.3132	0.5272	255.69	0.1197	152.0	44.16	0.6694	5.141	189.000
190.000	195.5667	251.4939	290.6073	3.4930	0.3132	0.5272	256.38	0.1203	152.8	44.63	0.6696	5.113	190.000
191.000	196.4878	251.8367	291.1342	3.4958	0.3132	0.5269	257.07	0.1208	153.5	45.04	0.6696	5.089	191.000
192.000	197.5733	252.1465	291.6612	3.4985	0.3132	0.5269	257.76	0.1214	154.3	45.52	0.6697	5.061	192.000
193.000	198.6710	252.4634	292.1876	3.5013	0.3132	0.5267	258.44	0.1220	155.0	46.02	0.6691	5.033	193.000
194.000	199.6216	252.7982	292.7145	3.5041	0.3132	0.5267	259.12	0.1226	155.8	46.47	0.6693	5.009	194.000
195.000	200.7421	253.0925	293.2409	3.5066	0.3132	0.5267	259.80	0.1231	156.5	46.92	0.6696	4.982	195.000
196.000	201.7127	253.4249	293.7674	3.5093	0.3132	0.5264	260.48	0.1237	157.2	47.40	0.6690	4.958	196.000
197.000	202.6927	253.7553	294.2938	3.5121	0.3129	0.5264	261.15	0.1243	158.0	47.86	0.6692	4.934	197.000
198.000	203.8481	254.0684	294.8200	3.5146	0.3129	0.5262	261.83	0.1248	158.7	48.35	0.6691	4.906	198.000
199.000	204.8496	254.3786	295.3464	3.5173	0.3129	0.5262	262.50	0.1254	159.5	48.82	0.6693	4.882	199.000
200.000	205.8697	254.7004	295.8724	3.5198	0.3129	0.5262	263.17	0.1260	160.2	49.30	0.6690	4.858	200.000
202.000	209.1273	255.1038	296.9285	3.5263	0.3129	0.5259	264.51	0.1271	161.7	50.54	0.6691	4.782	202.000
204.000	211.2451	255.7313	297.9863	3.5316	0.3129	0.5257	265.84	0.1282	163.2	51.52	0.6692	4.734	204.000
206.000	213.4962	256.3586	299.0317	3.5366	0.3129	0.5257	267.16	0.1294	164.6	52.53	0.6687	4.686	206.000
208.000	215.4264	256.9973	300.0826	3.5418	0.3127	0.5254	268.47	0.1305	166.1	53.58	0.6688	4.642	208.000
210.000	217.4852	257.6364	301.1335	3.5466	0.3127	0.5254	269.78	0.1316	167.6	54.47	0.6692	4.598	210.000
212.000	219.5837	258.2671	302.1839	3.5518	0.3127	0.5252	271.08	0.1328	169.0	55.52	0.6683	4.554	212.000
214.000	221.7232	258.8896	303.2342	3.5568	0.3127	0.5252	272.38	0.1339	170.5	56.53	0.6687	4.510	214.000
216.000	223.9047	259.5034	304.2843	3.5614	0.3127	0.5249	273.67	0.1350	171.9	57.58	0.6684	4.466	216.000
218.000	225.9255	260.1491	305.3342	3.5664	0.3127	0.5249	274.95	0.1361	173.4	58.58	0.6688	4.426	218.000
220.000	227.9831	260.7869	306.3835	3.5711	0.3127	0.5247	276.22	0.1372	174.8	59.62	0.6685	4.386	220.000
222.000	230.0785	261.4172	307.4329	3.5759	0.3127	0.5247	277.49	0.1384	176.2	60.69	0.6680	4.346	222.000
224.000	232.2128	262.0395	308.4820	3.5807	0.3127	0.5244	278.76	0.1395	177.7	61.77	0.6680	4.306	224.000
226.000	234.1678	262.6976	309.5311	3.5852	0.3124	0.5244	280.01	0.1406	179.1	62.78	0.6680	4.270	226.000
228.000	236.3791	263.3039	310.5797	3.5899	0.3124	0.5244	281.26	0.1417	180.5	63.87	0.6680	4.230	228.000
230.000	238.4852	263.9473	311.6284	3.5944	0.3124	0.5242	282.51	0.1428	181.9	64.96	0.6677	4.195	230.000
232.000	240.4863	264.5834	312.6767	3.5989	0.3124	0.5242	283.75	0.1439	183.4	66.01	0.6681	4.159	232.000
234.000	242.5834	265.2124	313.7251	3.6034	0.3124	0.5242	284.98	0.1450	184.8	67.10	0.6681	4.123	234.000
236.000	244.6974	265.8335	314.7729	3.6079	0.3124	0.5239	286.21	0.1461	186.2	68.23	0.6677	4.087	236.000

THERMODYNAMIC PROPERTIES OF ARGON

2.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
238.000	246.8693	266.4472	315.8218	3.6122	0.3124	0.5239	287.43	0.1472	187.6	69.36	0.6677	4.051	238.000
240.000	248.8324	267.1822	316.8687	3.6167	0.3124	0.5239	288.65	0.1482	189.0	70.39	0.6682	4.019	240.000
242.000	250.8271	267.7589	317.9163	3.6210	0.3124	0.5237	289.86	0.1493	190.4	71.51	0.6678	3.987	242.000
244.000	253.1096	268.3419	318.9639	3.6252	0.3124	0.5237	291.07	0.1504	191.8	72.69	0.6678	3.951	244.000
246.000	255.1737	268.9762	320.0118	3.6295	0.3124	0.5237	292.27	0.1515	193.2	73.82	0.6678	3.919	246.000
248.000	257.2718	269.6048	321.0583	3.6337	0.3124	0.5237	293.47	0.1526	194.5	74.97	0.6675	3.887	248.000
250.000	259.1366	270.2783	322.1055	3.6380	0.3124	0.5234	294.66	0.1536	195.9	76.04	0.6676	3.859	250.000
252.000	261.3066	270.8923	323.1523	3.6420	0.3124	0.5234	295.84	0.1547	197.3	77.23	0.6676	3.827	252.000
254.000	263.5065	271.4991	324.1992	3.6462	0.3124	0.5234	297.02	0.1558	198.7	78.43	0.6676	3.795	254.000
256.000	265.4565	272.1545	325.2458	3.6502	0.3124	0.5234	298.20	0.1568	200.1	79.52	0.6680	3.767	256.000
258.000	267.7277	272.7469	326.2924	3.6545	0.3124	0.5232	299.37	0.1579	201.4	80.80	0.6673	3.735	258.000
260.000	269.7472	273.3896	327.3390	3.6585	0.3124	0.5232	300.54	0.1590	202.8	81.98	0.6673	3.707	260.000
262.000	271.7974	274.0256	328.3851	3.6625	0.3124	0.5232	301.70	0.1600	204.1	83.12	0.6674	3.679	262.000
264.000	273.8796	274.6557	329.4315	3.6663	0.3122	0.5232	302.86	0.1611	205.5	84.33	0.6674	3.651	264.000
266.000	275.9928	275.2791	330.4776	3.6703	0.3122	0.5232	304.01	0.1621	206.8	85.51	0.6675	3.623	266.000
268.000	277.8367	275.9576	331.5237	3.6743	0.3122	0.5229	305.16	0.1632	208.2	86.71	0.6671	3.599	268.000
270.000	280.0661	276.5686	332.5698	3.6780	0.3122	0.5229	306.30	0.1642	209.5	87.92	0.6672	3.571	270.000
272.000	282.2158	277.1725	333.6157	3.6820	0.3122	0.5229	307.44	0.1652	210.9	89.16	0.6676	3.543	272.000
274.000	284.1378	277.8348	334.6615	3.6858	0.3122	0.5229	308.58	0.1663	212.2	90.36	0.6673	3.519	274.000
276.000	286.4135	278.4244	335.7072	3.6895	0.3122	0.5229	309.71	0.1673	213.5	91.63	0.6673	3.491	276.000
278.000	288.3933	279.0741	336.7527	3.6933	0.3122	0.5229	310.83	0.1684	214.9	92.87	0.6673	3.467	278.000
280.000	290.4667	279.7182	337.7984	3.6971	0.3122	0.5227	311.96	0.1694	216.2	94.12	0.6671	3.444	280.000
282.000	292.4362	280.3665	338.8437	3.7008	0.3122	0.5227	313.08	0.1704	217.5	95.34	0.6672	3.420	282.000
284.000	294.5665	280.9892	339.8893	3.7046	0.3122	0.5227	314.19	0.1714	218.8	96.57	0.6672	3.396	284.000
286.000	296.5941	281.6156	340.9344	3.7081	0.3122	0.5227	315.30	0.1725	220.1	97.89	0.6669	3.372	286.000
288.000	298.7177	282.2363	341.9798	3.7118	0.3122	0.5227	316.41	0.1735	221.4	99.16	0.6670	3.348	288.000
290.000	300.8719	282.8566	343.0249	3.7153	0.3122	0.5227	317.51	0.1745	222.7	100.45	0.6671	3.324	290.000
292.000	302.8918	283.5318	344.0700	3.7188	0.3122	0.5224	318.61	0.1755	224.0	101.68	0.6668	3.304	292.000
294.000	304.9031	284.1345	345.1151	3.7226	0.3122	0.5224	319.70	0.1765	225.3	103.01	0.6669	3.280	294.000
296.000	307.1478	284.7304	346.1600	3.7261	0.3122	0.5224	320.79	0.1775	226.6	104.36	0.6669	3.256	296.000
298.000	309.0437	285.3964	347.2051	3.7296	0.3122	0.5224	321.88	0.1785	227.9	105.59	0.6670	3.236	298.000
300.000	310.9833	286.0573	348.2499	3.7331	0.3122	0.5224	322.96	0.1795	229.2	106.84	0.6671	3.216	300.000
302.000	313.2984	286.6349	349.2946	3.7364	0.3122	0.5224	324.04	0.1805	230.5	108.25	0.6671	3.192	302.000
304.000	315.2713	287.2852	350.3394	3.7399	0.3122	0.5224	325.11	0.1815	231.8	109.53	0.6672	3.172	304.000
306.000	317.2692	287.9382	351.3840	3.7434	0.3122	0.5224	326.19	0.1825	233.0	110.83	0.6670	3.152	306.000
308.000	319.2926	288.5781	352.4286	3.7468	0.3122	0.5222	327.25	0.1835	234.3	112.20	0.6667	3.132	308.000
310.000	321.3428	289.2048	353.4732	3.7501	0.3122	0.5222	328.32	0.1845	235.6	113.54	0.6668	3.112	310.000
312.000	323.4179	289.8348	354.5176	3.7534	0.3122	0.5222	329.38	0.1855	236.8	114.89	0.6666	3.092	312.000
314.000	326.5287	290.4581	355.5622	3.7569	0.3122	0.5222	330.44	0.1865	238.1	116.26	0.6667	3.072	314.000
316.000	327.6511	291.0764	356.6066	3.7601	0.3122	0.5222	331.49	0.1875	239.4	117.65	0.6667	3.052	316.000
318.000	329.8695	291.6898	357.6509	3.7634	0.3122	0.5222	332.54	0.1884	240.6	118.99	0.6669	3.032	318.000
320.000	331.9966	292.2968	358.6953	3.7666	0.3122	0.5222	333.59	0.1894	241.9	120.42	0.6669	3.012	320.000
322.000	333.7672	292.9866	359.7394	3.7699	0.3122	0.5222	334.63	0.1904	243.1	121.70	0.6667	2.996	322.000
324.000	336.0673	293.5823	360.7838	3.7732	0.3122	0.5222	335.67	0.1914	244.4	123.16	0.6668	2.976	324.000
326.000	337.8211	294.2636	361.8279	3.7762	0.3122	0.5222	336.71	0.1923	245.6	124.41	0.6669	2.960	326.000

THERMODYNAMIC PROPERTIES OF ARGON

2.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
328.000	340.1161	294.8487	362.8719	3.7794	0.3122	0.5222	337.74	0.1933	246.8	126.90	0.6667	2.940	328.000
330.000	341.9746	295.5211	363.9161	3.7827	0.3122	0.5219	338.78	0.1943	248.1	127.31	0.6664	2.924	330.000
332.000	344.3266	296.8948	364.9599	3.7857	0.3122	0.5219	339.80	0.1952	249.3	128.78	0.6666	2.904	332.000
334.000	346.2316	296.7577	366.0040	3.7889	0.3122	0.5219	340.83	0.1962	250.5	130.15	0.6664	2.888	334.000
336.000	348.1577	297.4163	367.0479	3.7919	0.3122	0.5219	341.85	0.1971	251.8	131.48	0.6668	2.872	336.000
338.000	350.5958	297.9728	368.0920	3.7952	0.3122	0.5219	342.87	0.1981	253.0	133.07	0.6666	2.852	338.000
340.000	352.5710	298.6217	369.1359	3.7982	0.3122	0.5219	343.88	0.1991	254.2	134.50	0.6664	2.836	340.000
342.000	354.5686	299.2657	370.1794	3.8012	0.3122	0.5219	344.89	0.2000	255.4	135.87	0.6665	2.820	342.000
344.000	356.5889	299.9055	371.2233	3.8042	0.3122	0.5219	345.90	0.2010	256.6	137.33	0.6663	2.804	344.000
346.000	358.6324	300.5407	372.2672	3.8072	0.3122	0.5219	346.91	0.2019	257.8	138.73	0.6664	2.788	346.000
348.000	360.6995	301.1709	373.3108	3.8102	0.3122	0.5219	347.91	0.2028	259.0	140.15	0.6666	2.772	348.000
350.000	362.7905	301.7963	374.3544	3.8132	0.3122	0.5219	348.91	0.2038	260.2	141.66	0.6664	2.756	350.000
352.000	364.9059	302.4171	375.3983	3.8162	0.3122	0.5219	349.91	0.2047	261.4	143.12	0.6665	2.740	352.000
354.000	367.0461	303.0326	376.4418	3.8192	0.3122	0.5217	350.91	0.2057	262.6	144.73	0.6660	2.724	354.000
356.000	369.2115	303.6429	377.4852	3.8220	0.3122	0.5217	351.90	0.2066	263.8	146.22	0.6661	2.708	356.000
358.000	371.4025	304.3583	378.5288	3.8250	0.3122	0.5217	352.89	0.2075	265.0	147.51	0.6662	2.696	358.000
360.000	373.6192	304.9598	379.5724	3.8280	0.3122	0.5217	353.87	0.2084	266.2	149.03	0.6664	2.681	360.000
362.000	375.8605	305.5557	380.6158	3.8307	0.3122	0.5217	354.85	0.2094	267.4	150.64	0.6662	2.665	362.000
364.000	378.9961	306.2662	381.6594	3.8337	0.3122	0.5217	355.83	0.2103	268.6	151.98	0.6663	2.653	364.000
366.000	379.2889	306.8466	382.7028	3.8365	0.3122	0.5217	356.81	0.2112	269.8	153.55	0.6664	2.637	366.000
368.000	381.5937	307.4274	383.7461	3.8392	0.3122	0.5217	357.79	0.2121	270.9	155.15	0.6663	2.621	368.000
370.000	383.3467	308.1281	384.7895	3.8420	0.3122	0.5217	358.76	0.2131	272.1	156.59	0.6661	2.609	370.000
372.000	385.7094	308.6989	385.8328	3.8450	0.3122	0.5217	359.73	0.2140	273.3	158.22	0.6662	2.593	372.000
374.000	387.6667	309.3766	386.8762	3.8478	0.3122	0.5217	360.70	0.2149	274.4	159.63	0.6661	2.581	374.000
376.000	389.9156	309.9363	387.9193	3.8505	0.3122	0.5217	361.66	0.2158	275.6	161.29	0.6662	2.565	376.000
378.000	391.7456	310.6135	388.9626	3.8533	0.3122	0.5217	362.62	0.2167	276.8	162.73	0.6664	2.553	378.000
380.000	393.5934	311.2878	390.0057	3.8560	0.3122	0.5217	363.58	0.2176	277.9	164.17	0.6662	2.541	380.000
382.000	396.0646	311.8322	391.0491	3.8588	0.3122	0.5217	364.54	0.2185	279.1	165.90	0.6664	2.525	382.000
384.000	397.9737	312.4976	392.0922	3.8615	0.3122	0.5217	365.49	0.2194	280.2	167.37	0.6662	2.513	384.000
386.000	399.8889	313.1591	393.1353	3.8640	0.3122	0.5217	366.44	0.2203	281.4	168.87	0.6664	2.501	386.000
388.000	401.8065	313.8171	394.1784	3.8668	0.3122	0.5217	367.39	0.2212	282.5	170.37	0.6662	2.489	388.000
390.000	403.7587	314.4713	395.2216	3.8695	0.3122	0.5214	368.34	0.2221	283.7	171.98	0.6660	2.477	390.000
392.000	406.3725	314.9901	396.2646	3.8720	0.3122	0.5214	369.28	0.2230	284.8	173.79	0.6659	2.461	392.000
394.000	408.3612	315.6352	397.3075	3.8748	0.3122	0.5214	370.22	0.2239	286.0	175.36	0.6660	2.449	394.000
396.000	410.3696	316.2767	398.3506	3.8773	0.3122	0.5214	371.16	0.2248	287.1	176.92	0.6659	2.437	396.000
398.000	412.3977	316.9142	399.3937	3.8800	0.3122	0.5214	372.10	0.2257	288.2	178.51	0.6658	2.425	398.000
400.000	414.4461	317.5478	400.4366	3.8825	0.3122	0.5214	373.03	0.2266	289.4	180.11	0.6659	2.413	400.000

THERMODYNAMIC PROPERTIES OF ARGON

2.2 BAR ISOBAR

	TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
	86.000	0.7136	72.1468	72.3838	1.3417	0.9019	1.3112	661.86	1.3048	2700.3	0.71	2.7136	1401.352	86.000
	87.000	0.7167	73.4405	73.5982	1.3568	0.8616	1.2834	669.58	1.2868	2620.4	0.72	2.6135	1395.216	87.000
	88.000	0.7199	74.7124	74.8788	1.3713	0.8256	1.2599	616.38	1.2693	2543.9	0.73	2.5250	1389.048	88.000
	89.000	0.7231	76.9681	76.1192	1.3853	0.7933	1.2401	622.20	1.2523	2470.9	0.73	2.4469	1382.848	89.000
	90.000	0.7264	77.1920	77.3518	1.3991	0.7645	1.2238	627.14	1.2357	2400.7	0.73	2.3777	1376.588	90.000
	91.000	0.7298	78.4861	78.5866	1.4126	0.7385	1.2103	631.34	1.2194	2333.6	0.74	2.3162	1370.292	91.000
	92.000	0.7332	79.6181	79.7714	1.4258	0.7152	1.1993	634.68	1.2035	2268.9	0.74	2.2610	1363.937	92.000
	93.000	0.7366	80.8539	80.9666	1.4386	0.6944	1.1905	637.26	1.1879	2206.6	0.73	2.2115	1357.529	93.000
	94.000	0.7402	81.9068	82.1528	1.4514	0.6756	1.1838	639.16	1.1726	2146.7	0.73	2.1672	1351.057	94.000
	95.000	0.7438	83.1715	83.3351	1.4639	0.6586	1.1788	640.38	1.1575	2088.8	0.73	2.1272	1344.518	95.000
*	95.320	0.7449	83.5454	83.7093	1.4677	0.6536	1.1775	640.58	1.1528	2070.9	0.73	2.1153	1342.421	95.320
*	95.320	85.0001	219.8328	238.5328	3.0928	0.3547	0.6236	176.56	0.0658	79.4	8.97	0.7524	11.765	95.320
	96.000	85.6985	220.1812	238.9549	3.0963	0.3532	0.6201	176.35	0.0661	79.9	9.14	0.7495	11.669	96.000
	97.000	86.7879	220.4932	239.5722	3.1028	0.3512	0.6156	177.58	0.0667	80.7	9.40	0.7448	11.525	97.000
	98.000	87.8827	220.8092	240.1857	3.1090	0.3495	0.6118	178.64	0.0672	81.5	9.66	0.7411	11.389	98.000
	99.000	88.8824	221.2445	240.7943	3.1153	0.3475	0.6078	179.76	0.0677	82.2	9.91	0.7371	11.253	99.000
	100.000	89.9157	221.6174	241.3988	3.1213	0.3459	0.6038	180.88	0.0683	83.0	10.18	0.7328	11.122	100.000
	101.000	90.9613	221.9886	242.0001	3.1273	0.3442	0.5996	181.97	0.0688	83.8	10.44	0.7302	10.994	101.000
	102.000	91.9976	222.3586	242.5981	3.1331	0.3427	0.5960	183.07	0.0693	84.6	10.70	0.7276	10.870	102.000
	103.000	93.0578	222.7189	243.1916	3.1388	0.3412	0.5928	184.14	0.0699	85.3	10.97	0.7234	10.746	103.000
	104.000	94.0719	223.0871	243.7829	3.1446	0.3399	0.5898	185.21	0.0704	86.1	11.23	0.7213	10.636	104.000
	105.000	95.1084	223.4476	244.3714	3.1503	0.3387	0.5868	186.27	0.0710	86.9	11.51	0.7182	10.514	105.000
	106.000	96.1311	223.8081	244.9569	3.1559	0.3374	0.5843	187.31	0.0715	87.7	11.76	0.7166	10.402	106.000
	107.000	97.1760	224.1687	245.5394	3.1611	0.3362	0.5815	188.35	0.0721	88.4	12.05	0.7138	10.291	107.000
	108.000	98.2053	224.5143	246.1195	3.1666	0.3352	0.5793	189.37	0.0727	89.2	12.33	0.7107	10.183	108.000
	109.000	99.2174	224.8599	246.6977	3.1719	0.3342	0.5767	190.39	0.0732	90.0	12.59	0.7091	10.079	109.000
	110.000	100.2183	225.2269	247.2732	3.1771	0.3332	0.5747	191.40	0.0738	90.8	12.87	0.7071	9.979	110.000
	111.000	101.2284	225.5775	247.8467	3.1824	0.3322	0.5727	192.40	0.0743	91.6	13.13	0.7061	9.879	111.000
	112.000	102.2571	225.9216	248.4182	3.1874	0.3314	0.5707	193.40	0.0749	92.4	13.42	0.7041	9.779	112.000
	113.000	103.2696	226.2684	248.9877	3.1927	0.3307	0.5687	194.38	0.0755	93.1	13.71	0.7013	9.683	113.000
	114.000	104.2588	226.6187	249.5557	3.1977	0.3297	0.5670	195.36	0.0760	93.9	13.98	0.7005	9.592	114.000
	115.000	105.2672	226.9631	250.1219	3.2024	0.3292	0.5655	196.33	0.0766	94.7	14.26	0.6991	9.500	115.000
	116.000	106.2582	227.3113	250.6864	3.2074	0.3284	0.5637	197.29	0.0772	95.5	14.55	0.6974	9.412	116.000
	117.000	107.2517	227.6537	251.2491	3.2122	0.3277	0.5622	198.25	0.0778	96.3	14.84	0.6959	9.324	117.000
	118.000	108.2722	227.9907	251.8106	3.2169	0.3269	0.5607	199.20	0.0783	97.1	15.12	0.6954	9.236	118.000
	119.000	109.2647	228.3326	252.3708	3.2217	0.3264	0.5595	200.14	0.0789	97.9	15.41	0.6942	9.152	119.000
	120.000	110.2278	228.6794	252.9293	3.2262	0.3259	0.5582	201.08	0.0795	98.6	15.70	0.6923	9.072	120.000
	121.000	111.2558	229.0185	253.4868	3.2310	0.3252	0.5570	202.01	0.0801	99.4	16.00	0.6912	8.988	121.000
	122.000	112.2536	229.3467	254.0425	3.2355	0.3247	0.5557	202.93	0.0806	100.2	16.28	0.6909	8.908	122.000
	123.000	113.2182	229.6988	254.5988	3.2400	0.3242	0.5545	203.85	0.0812	101.0	16.58	0.6897	8.833	123.000
	124.000	114.1996	230.0278	255.1517	3.2445	0.3237	0.5535	204.76	0.0818	101.8	16.88	0.6888	8.757	124.000
	125.000	115.1981	230.3611	255.7047	3.2490	0.3234	0.5525	205.67	0.0824	102.6	17.18	0.6879	8.681	125.000
	126.000	116.1683	230.7009	256.2561	3.2532	0.3229	0.5515	206.57	0.0830	103.4	17.48	0.6870	8.609	126.000
	127.000	117.1936	231.0248	256.8073	3.2577	0.3224	0.5505	207.46	0.0835	104.1	17.78	0.6863	8.533	127.000
	128.000	118.1338	231.3679	257.3573	3.2620	0.3222	0.5495	208.35	0.0841	104.9	18.08	0.6864	8.465	128.000

THERMODYNAMIC PROPERTIES OF ARGON

2.2 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
129.000	119.1459	231.6942	257.9863	3.2662	0.3217	0.5487	209.24	0.0847	105.7	18.39	0.6848	8.393	129.000
130.000	120.1178	232.0283	258.4543	3.2795	0.3214	0.5477	210.11	0.0853	106.5	18.71	0.6838	8.325	130.000
131.000	121.1057	232.3584	259.0017	3.2748	0.3209	0.5470	210.99	0.0859	107.3	19.02	0.6832	8.257	131.000
132.000	122.0584	232.6971	259.5482	3.2798	0.3207	0.5462	211.86	0.0865	108.1	19.33	0.6826	8.193	132.000
133.000	123.0765	233.0186	260.0941	3.2838	0.3204	0.5455	212.73	0.0871	108.9	19.65	0.6820	8.125	133.000
134.000	124.0463	233.3489	260.6391	3.2878	0.3199	0.5447	213.59	0.0876	109.7	19.95	0.6821	8.062	134.000
135.000	124.9753	233.6890	261.1836	3.2918	0.3197	0.5442	214.44	0.0882	110.4	20.25	0.6812	8.002	135.000
136.000	125.9816	234.0113	261.7272	3.2958	0.3194	0.5435	215.29	0.0888	111.2	20.59	0.6805	7.938	136.000
137.000	126.9399	234.3434	262.2702	3.2998	0.3192	0.5427	216.14	0.0894	112.0	20.91	0.6799	7.878	137.000
138.000	127.9128	234.6718	262.8127	3.3038	0.3189	0.5422	216.98	0.0900	112.8	21.23	0.6796	7.818	138.000
139.000	128.9008	234.9964	263.3546	3.3068	0.3187	0.5417	217.82	0.0906	113.6	21.56	0.6792	7.758	139.000
140.000	129.8368	235.3314	263.8965	3.3108	0.3184	0.5410	218.66	0.0912	114.4	21.89	0.6786	7.702	140.000
141.000	130.8549	235.6484	264.4365	3.3146	0.3182	0.5405	219.49	0.0918	115.1	22.23	0.6776	7.642	141.000
142.000	131.8196	235.9764	264.9767	3.3183	0.3179	0.5400	220.31	0.0924	115.9	22.56	0.6773	7.586	142.000
143.000	132.7986	236.3007	265.5164	3.3221	0.3177	0.5395	221.14	0.0929	116.7	22.87	0.6777	7.530	143.000
144.000	133.7269	236.6368	266.0554	3.3258	0.3177	0.5390	221.95	0.0935	117.5	23.20	0.6773	7.478	144.000
145.000	134.7284	236.9638	266.5941	3.3296	0.3174	0.5384	222.77	0.0941	118.3	23.55	0.6769	7.422	145.000
146.000	135.6777	237.2834	267.1325	3.3333	0.3172	0.5382	223.58	0.0947	119.1	23.87	0.6769	7.370	146.000
147.000	136.6485	237.6096	267.6705	3.3368	0.3169	0.5377	224.39	0.0953	119.8	24.22	0.6759	7.318	147.000
148.000	137.6171	237.9322	268.2079	3.3406	0.3169	0.5372	225.19	0.0959	120.6	24.57	0.6756	7.267	148.000
149.000	138.5389	238.2681	268.7449	3.3441	0.3167	0.5369	225.99	0.0965	121.4	24.90	0.6755	7.219	149.000
150.000	139.5348	238.5836	269.2813	3.3479	0.3164	0.5364	226.79	0.0971	122.2	25.26	0.6751	7.167	150.000
151.000	140.4744	238.9131	269.8175	3.3514	0.3164	0.5362	227.59	0.0977	123.0	25.60	0.6750	7.119	151.000
152.000	141.4268	239.2393	270.3532	3.3549	0.3162	0.5357	228.38	0.0983	123.7	25.95	0.6741	7.071	152.000
153.000	142.3922	239.5626	270.8889	3.3584	0.3162	0.5354	229.16	0.0988	124.5	26.27	0.6747	7.023	153.000
154.000	143.3706	239.8822	271.4238	3.3619	0.3159	0.5349	229.95	0.0994	125.3	26.64	0.6743	6.975	154.000
155.000	144.3638	240.1989	271.9588	3.3654	0.3159	0.5347	230.73	0.1000	126.1	27.00	0.6743	6.927	155.000
156.000	145.2846	240.5366	272.4932	3.3686	0.3157	0.5344	231.51	0.1006	126.9	27.35	0.6742	6.883	156.000
157.000	146.2181	240.8595	273.0274	3.3721	0.3157	0.5339	232.28	0.1012	127.6	27.71	0.6732	6.839	157.000
158.000	147.2503	241.1663	273.5614	3.3754	0.3154	0.5337	233.05	0.1018	128.4	28.09	0.6731	6.791	158.000
159.000	148.2093	241.4888	274.0948	3.3789	0.3154	0.5334	233.82	0.1024	129.2	28.45	0.6731	6.747	159.000
160.000	149.0926	241.8278	274.6286	3.3821	0.3152	0.5332	234.59	0.1030	130.0	28.80	0.6730	6.707	160.000
161.000	150.0752	242.1444	275.1609	3.3854	0.3152	0.5329	235.35	0.1035	130.7	29.15	0.6730	6.663	161.000
162.000	151.0715	242.4582	275.6939	3.3887	0.3152	0.5327	236.11	0.1041	131.5	29.52	0.6729	6.619	162.000
163.000	151.9987	242.7888	276.2263	3.3922	0.3149	0.5324	236.86	0.1047	132.3	29.89	0.6728	6.579	163.000
164.000	152.9172	243.1178	276.7588	3.3952	0.3149	0.5322	237.62	0.1053	133.0	30.26	0.6722	6.539	164.000
165.000	153.9517	243.4213	277.2907	3.3984	0.3147	0.5319	238.37	0.1059	133.8	30.65	0.6721	6.496	165.000
166.000	154.9044	243.7435	277.8224	3.4017	0.3147	0.5317	239.12	0.1065	134.6	31.03	0.6720	6.456	166.000
167.000	155.8689	244.0627	278.3539	3.4049	0.3147	0.5314	239.86	0.1071	135.4	31.41	0.6719	6.416	167.000
168.000	156.7473	244.4009	278.8853	3.4082	0.3147	0.5312	240.61	0.1076	136.1	31.75	0.6719	6.380	168.000
169.000	157.7356	244.7148	279.4165	3.4112	0.3144	0.5309	241.35	0.1082	136.9	32.14	0.6718	6.340	169.000
170.000	158.7352	245.0254	279.9472	3.4144	0.3144	0.5309	242.09	0.1088	137.7	32.53	0.6720	6.306	170.000
171.000	159.6463	245.3559	280.4781	3.4174	0.3144	0.5307	242.82	0.1094	138.4	32.91	0.6714	6.264	171.000
172.000	160.5679	245.6836	281.0085	3.4204	0.3142	0.5304	243.55	0.1100	139.2	33.30	0.6712	6.228	172.000
173.000	161.5003	246.0087	281.5387	3.4235	0.3142	0.5302	244.28	0.1106	140.0	33.69	0.6711	6.192	173.000

THERMODYNAMIC PROPERTIES OF ARGON

2.2 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
174.000	162.5490	246.3601	282.8689	3.4267	0.3142	0.5302	245.01	0.1111	140.7	34.06	0.6714	6.152	174.000
176.000	163.3978	246.6513	282.5988	3.4297	0.3142	0.5299	245.74	0.1117	141.5	34.44	0.6713	6.120	176.000
176.000	164.3634	246.9686	283.1286	3.4327	0.3139	0.5297	246.46	0.1123	142.2	34.85	0.6707	6.084	176.000
177.000	165.3464	247.2833	283.6582	3.4357	0.3139	0.5297	247.18	0.1129	143.0	35.24	0.6709	6.048	177.000
178.000	166.3292	247.5953	284.1877	3.4387	0.3139	0.5294	247.90	0.1135	143.8	35.66	0.6708	6.012	178.000
179.000	167.2181	247.9289	284.7169	3.4415	0.3139	0.5292	248.61	0.1141	144.5	36.05	0.6702	5.980	179.000
180.000	168.2295	248.2356	285.2461	3.4445	0.3137	0.5292	249.33	0.1146	145.3	36.43	0.6710	5.944	180.000
181.000	169.1388	248.5647	285.7753	3.4475	0.3137	0.5289	250.04	0.1152	146.0	36.84	0.6704	5.912	181.000
182.000	170.0588	248.8912	286.3039	3.4502	0.3137	0.5287	250.75	0.1158	146.8	37.25	0.6702	5.880	182.000
183.000	171.1042	249.1897	286.8326	3.4532	0.3137	0.5287	251.46	0.1164	147.6	37.67	0.6704	5.844	183.000
184.000	172.0456	249.5112	287.3611	3.4560	0.3137	0.5284	252.16	0.1169	148.3	38.06	0.6704	5.812	184.000
185.000	172.9961	249.8303	287.8895	3.4590	0.3137	0.5284	252.86	0.1175	149.1	38.47	0.6706	5.780	185.000
186.000	173.9579	250.1469	288.4177	3.4618	0.3134	0.5282	253.56	0.1181	149.8	38.90	0.6700	5.749	186.000
187.000	174.8883	250.4888	288.9459	3.4645	0.3134	0.5282	254.26	0.1187	150.6	39.28	0.6701	5.721	187.000
188.000	175.7983	250.8002	289.4741	3.4675	0.3134	0.5279	254.96	0.1193	151.3	39.72	0.6695	5.689	188.000
189.000	176.7835	251.1094	290.0017	3.4703	0.3134	0.5279	255.65	0.1198	152.1	40.12	0.6703	5.657	189.000
190.000	177.6618	251.4441	290.5297	3.4730	0.3134	0.5277	256.34	0.1204	152.8	40.54	0.6697	5.629	190.000
191.000	178.6763	251.7484	291.0571	3.4758	0.3134	0.5277	257.03	0.1210	153.6	40.97	0.6699	5.597	191.000
192.000	179.5735	252.0786	291.5848	3.4785	0.3132	0.5274	257.72	0.1215	154.3	41.37	0.6698	5.569	192.000
193.000	180.4798	252.4067	292.1122	3.4813	0.3132	0.5274	258.40	0.1221	155.1	41.78	0.6700	5.541	193.000
194.000	181.5268	252.7835	292.6394	3.4840	0.3132	0.5272	259.09	0.1227	155.8	42.25	0.6694	5.509	194.000
195.000	182.4529	253.0269	293.1666	3.4865	0.3132	0.5272	259.77	0.1233	156.6	42.67	0.6696	5.481	195.000
196.000	183.3886	253.3483	293.6938	3.4893	0.3132	0.5272	260.45	0.1238	157.3	43.07	0.6698	5.453	196.000
197.000	184.3339	253.6675	294.2210	3.4920	0.3132	0.5269	261.13	0.1244	158.0	43.52	0.6693	5.425	197.000
198.000	185.2898	253.9841	294.7477	3.4945	0.3132	0.5269	261.80	0.1250	158.8	43.95	0.6694	5.397	198.000
199.000	186.2548	254.2987	295.2746	3.4973	0.3132	0.5267	262.48	0.1255	159.5	44.38	0.6694	5.369	199.000
200.000	187.0893	254.6416	295.8013	3.5001	0.3129	0.5267	263.15	0.1261	160.3	44.79	0.6695	5.345	200.000
202.000	196.8725	255.8424	296.8584	3.5063	0.3129	0.5264	264.49	0.1272	161.7	45.93	0.6692	5.261	202.000
204.000	191.9673	255.6784	297.9113	3.5116	0.3129	0.5264	265.82	0.1284	163.2	46.82	0.6691	5.209	204.000
206.000	193.9864	256.3858	298.9639	3.5168	0.3129	0.5262	267.14	0.1295	164.7	47.72	0.6692	5.157	206.000
208.000	195.7197	256.9577	300.0160	3.5216	0.3129	0.5259	268.46	0.1306	166.1	48.66	0.6689	5.109	208.000
210.000	197.7294	257.5674	301.0679	3.5266	0.3129	0.5259	269.77	0.1318	167.6	49.55	0.6688	5.057	210.000
212.000	199.6216	258.2825	302.1192	3.5316	0.3127	0.5257	271.07	0.1329	169.1	50.47	0.6689	5.009	212.000
214.000	201.5583	258.8295	303.1706	3.5366	0.3127	0.5257	272.37	0.1340	170.5	51.38	0.6689	4.962	214.000
216.000	203.3613	259.4839	304.2212	3.5414	0.3127	0.5254	273.66	0.1351	172.0	52.29	0.6689	4.918	216.000
218.000	205.3531	260.0947	305.2723	3.5464	0.3127	0.5254	274.94	0.1363	173.4	53.27	0.6685	4.870	218.000
220.000	207.2236	260.7336	306.3227	3.5511	0.3127	0.5252	276.22	0.1374	174.8	54.21	0.6681	4.826	220.000
222.000	209.1273	261.3651	307.3731	3.5559	0.3127	0.5252	277.49	0.1385	176.3	55.15	0.6685	4.782	222.000
224.000	211.0678	261.9882	308.4229	3.5606	0.3127	0.5249	278.76	0.1396	177.7	56.13	0.6682	4.738	224.000
226.000	212.8618	262.6432	309.4728	3.5651	0.3127	0.5249	280.01	0.1407	179.1	57.05	0.6682	4.698	226.000
228.000	214.8716	263.2506	310.5224	3.5699	0.3127	0.5247	281.27	0.1418	180.6	58.07	0.6682	4.654	228.000
230.000	216.7328	263.8905	311.5715	3.5744	0.3124	0.5247	282.51	0.1429	182.0	59.03	0.6682	4.614	230.000
232.000	218.6248	264.5234	312.6209	3.5789	0.3124	0.5247	283.75	0.1440	183.4	60.00	0.6682	4.574	232.000
234.000	220.5518	265.1485	313.6698	3.5834	0.3124	0.5244	284.99	0.1451	184.8	61.02	0.6679	4.534	234.000
236.000	222.3139	265.8098	314.7189	3.5879	0.3124	0.5244	286.22	0.1462	186.2	61.98	0.6679	4.498	236.000

THERMODYNAMIC PROPERTIES OF ARGON

2.2 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
238.000	224.3666	266.4282	315.7675	3.5922	0.3124	0.5242	287.44	0.1473	187.6	63.03	0.6676	4.458	238.000
240.000	226.1296	267.0674	316.8159	3.5967	0.3124	0.5242	288.06	0.1483	189.0	63.98	0.6680	4.422	240.000
242.000	228.1969	267.6622	317.8642	3.6009	0.3124	0.5242	289.87	0.1494	190.4	65.04	0.6680	4.382	242.000
244.000	230.0705	268.2958	318.9123	3.6052	0.3124	0.5239	291.08	0.1505	191.8	66.09	0.6677	4.346	244.000
246.000	231.7828	268.9682	319.9604	3.6094	0.3124	0.5239	292.28	0.1516	193.2	67.07	0.6677	4.314	246.000
248.000	233.7366	269.5876	321.0083	3.6137	0.3124	0.5239	293.48	0.1527	194.6	68.12	0.6677	4.278	248.000
250.000	235.7113	270.1994	322.0559	3.6180	0.3124	0.5239	294.67	0.1537	196.0	69.15	0.6681	4.242	250.000
252.000	237.5004	270.8534	323.1035	3.6222	0.3124	0.5237	295.86	0.1548	197.4	70.21	0.6678	4.211	252.000
254.000	239.5459	271.4586	324.1509	3.6262	0.3124	0.5237	297.04	0.1559	198.7	71.31	0.6674	4.175	254.000
256.000	241.3939	272.0918	325.1982	3.6305	0.3124	0.5237	298.22	0.1569	200.1	72.32	0.6679	4.143	256.000
258.000	243.2706	272.7258	326.2453	3.6345	0.3124	0.5237	299.39	0.1580	201.5	73.40	0.6679	4.111	258.000
260.000	245.1767	273.3536	327.2924	3.6385	0.3124	0.5234	300.56	0.1590	202.8	74.48	0.6676	4.079	260.000
262.000	247.1130	273.9747	328.3396	3.6425	0.3124	0.5234	301.72	0.1601	204.2	75.58	0.6676	4.047	262.000
264.000	248.8324	274.6431	329.3862	3.6465	0.3124	0.5234	302.88	0.1612	205.5	76.63	0.6673	4.019	264.000
266.000	250.8271	275.2511	330.4330	3.6505	0.3124	0.5234	304.04	0.1622	206.9	77.73	0.6677	3.987	266.000
268.000	252.5988	275.9079	331.4797	3.6543	0.3122	0.5232	305.18	0.1633	208.2	78.84	0.6676	3.959	268.000
270.000	254.6546	276.5023	332.5263	3.6583	0.3122	0.5232	306.33	0.1643	209.6	79.97	0.6674	3.927	270.000
272.000	256.4816	277.1466	333.5726	3.6620	0.3122	0.5232	307.47	0.1653	210.9	81.04	0.6675	3.899	272.000
274.000	258.3338	277.7856	334.6190	3.6658	0.3122	0.5232	308.61	0.1664	212.2	82.16	0.6672	3.871	274.000
276.000	260.2186	278.4101	335.6651	3.6696	0.3122	0.5232	309.74	0.1674	213.6	83.26	0.6676	3.843	276.000
278.000	262.1269	279.0446	336.7112	3.6735	0.3122	0.5232	310.86	0.1684	214.9	84.37	0.6676	3.815	278.000
280.000	264.0564	279.6849	337.7573	3.6770	0.3122	0.5229	311.99	0.1695	216.2	85.59	0.6676	3.787	280.000
282.000	266.0267	280.2786	338.8032	3.6808	0.3122	0.5229	313.11	0.1705	217.5	86.74	0.6671	3.759	282.000
284.000	267.7277	280.9489	339.8490	3.6845	0.3122	0.5229	314.22	0.1715	218.8	87.80	0.6672	3.735	284.000
286.000	269.7472	281.5585	340.8949	3.6883	0.3122	0.5229	315.33	0.1725	220.2	88.98	0.6675	3.707	286.000
288.000	271.5626	282.2181	341.9407	3.6918	0.3122	0.5229	316.44	0.1736	221.5	90.13	0.6672	3.683	288.000
290.000	273.5797	282.7988	342.9864	3.6956	0.3122	0.5229	317.54	0.1746	222.8	91.34	0.6673	3.655	290.000
292.000	275.3855	283.4469	344.0317	3.6991	0.3122	0.5227	318.64	0.1756	224.1	92.52	0.6670	3.631	292.000
294.000	277.2153	284.0966	345.0773	3.7026	0.3122	0.5227	319.73	0.1766	225.4	93.66	0.6671	3.607	294.000
296.000	279.0696	284.7274	346.1227	3.7061	0.3122	0.5227	320.83	0.1776	226.7	94.82	0.6672	3.583	296.000
298.000	280.9489	285.3593	347.1681	3.7096	0.3122	0.5227	321.91	0.1786	228.0	96.00	0.6673	3.559	298.000
300.000	282.8536	285.9856	348.2134	3.7131	0.3122	0.5227	323.00	0.1796	229.2	97.19	0.6670	3.535	300.000
302.000	284.7843	286.6060	349.2585	3.7166	0.3122	0.5227	324.08	0.1806	230.5	98.40	0.6671	3.511	302.000
304.000	286.7416	287.2205	350.3036	3.7201	0.3122	0.5227	325.15	0.1816	231.8	99.63	0.6672	3.487	304.000
306.000	288.7260	287.8290	351.3487	3.7233	0.3122	0.5224	326.22	0.1826	233.1	100.92	0.6669	3.463	306.000
308.000	290.4567	288.5057	352.3938	3.7268	0.3122	0.5224	327.29	0.1836	234.3	102.06	0.6667	3.444	308.000
310.000	292.4362	289.1027	353.4387	3.7301	0.3122	0.5224	328.36	0.1846	235.6	103.33	0.6668	3.420	310.000
312.000	294.1544	289.7696	354.4836	3.7336	0.3122	0.5224	329.42	0.1856	236.9	104.56	0.6668	3.400	312.000
314.000	296.2431	290.3549	355.5284	3.7369	0.3122	0.5224	330.48	0.1866	238.1	105.81	0.6666	3.376	314.000
316.000	298.0065	291.0118	356.5733	3.7401	0.3122	0.5224	331.53	0.1875	239.4	106.95	0.6670	3.356	316.000
318.000	299.7910	291.6639	357.6179	3.7434	0.3122	0.5224	332.58	0.1885	240.6	108.17	0.6668	3.336	318.000
320.000	301.5969	292.3114	358.6628	3.7466	0.3122	0.5224	333.63	0.1895	241.9	109.40	0.6669	3.316	320.000
322.000	303.7938	292.8729	359.7073	3.7499	0.3122	0.5222	334.68	0.1905	243.2	110.83	0.6666	3.292	322.000
324.000	305.6476	293.5095	360.7520	3.7531	0.3122	0.5222	335.72	0.1914	244.4	112.03	0.6668	3.272	324.000
326.000	307.5251	294.1408	361.7963	3.7564	0.3122	0.5222	336.75	0.1924	245.6	113.31	0.6666	3.252	326.000

THERMODYNAMIC PROPERTIES OF ARGON

2.2 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
328.000	309.4258	294.7672	302.8409	3.7596	0.3122	0.5222	337.79	0.1934	246.9	114.60	0.6666	3.232	328.000
330.000	310.9633	295.4734	303.8863	3.7628	0.3122	0.5222	338.82	0.1943	248.1	116.71	0.6668	3.216	330.000
332.000	312.9868	296.8981	304.9296	3.7659	0.3122	0.5222	339.85	0.1953	249.3	117.83	0.6666	3.198	332.000
334.000	314.8748	296.7915	305.9748	3.7692	0.3122	0.5222	340.87	0.1963	250.6	118.37	0.6666	3.176	334.000
336.000	316.8676	297.3872	307.0181	3.7722	0.3122	0.5222	341.89	0.1972	251.8	119.66	0.6668	3.158	336.000
338.000	318.4802	297.9968	308.0625	3.7752	0.3122	0.5222	342.91	0.1982	253.0	120.88	0.6666	3.140	338.000
340.000	320.5191	298.5924	309.1066	3.7784	0.3122	0.5222	343.93	0.1991	254.2	122.21	0.6667	3.120	340.000
342.000	322.5843	299.1821	310.1507	3.7814	0.3122	0.5222	344.94	0.2001	255.4	123.61	0.6665	3.100	342.000
344.000	324.2557	299.8588	311.1958	3.7844	0.3122	0.5219	345.95	0.2010	256.7	124.87	0.6666	3.084	344.000
346.000	326.3695	300.4376	312.2389	3.7874	0.3122	0.5219	346.96	0.2020	257.9	126.31	0.6664	3.064	346.000
348.000	328.0805	301.1053	313.2830	3.7904	0.3122	0.5219	347.96	0.2029	259.1	127.54	0.6665	3.048	348.000
350.000	329.8095	301.7688	314.3269	3.7934	0.3122	0.5219	348.96	0.2038	260.3	128.78	0.6666	3.032	350.000
352.000	331.9966	302.3317	315.3710	3.7964	0.3122	0.5219	349.96	0.2048	261.5	130.27	0.6664	3.012	352.000
354.000	333.7672	302.9868	316.4148	3.7992	0.3122	0.5219	350.95	0.2057	262.7	131.54	0.6666	2.996	354.000
356.000	335.5569	303.6362	317.4587	3.8022	0.3122	0.5219	351.94	0.2067	263.9	132.89	0.6664	2.980	356.000
358.000	337.3658	304.2826	318.5025	3.8052	0.3122	0.5219	352.93	0.2076	265.1	134.19	0.6665	2.964	358.000
360.000	339.1944	304.9236	319.5464	3.8080	0.3122	0.5219	353.92	0.2085	266.2	135.50	0.6664	2.948	360.000
362.000	341.0428	305.5666	320.5900	3.8110	0.3122	0.5219	354.90	0.2094	267.4	136.83	0.6665	2.932	362.000
364.000	342.9116	306.1933	321.6339	3.8137	0.3122	0.5219	355.88	0.2104	268.6	138.23	0.6663	2.916	364.000
366.000	344.8009	306.8213	322.6775	3.8167	0.3122	0.5219	356.86	0.2113	269.8	139.59	0.6664	2.900	366.000
368.000	346.7111	307.4446	323.7211	3.8195	0.3122	0.5219	357.84	0.2122	271.0	140.96	0.6666	2.884	368.000
370.000	348.6427	308.0633	324.7647	3.8222	0.3122	0.5219	358.81	0.2131	272.1	142.35	0.6664	2.868	370.000
372.000	350.5958	308.6772	325.8083	3.8252	0.3122	0.5217	359.78	0.2140	273.3	143.82	0.6662	2.852	372.000
374.000	352.5710	309.2863	326.8519	3.8280	0.3122	0.5217	360.75	0.2149	274.5	145.24	0.6664	2.836	374.000
376.000	354.5686	309.8904	327.8955	3.8307	0.3122	0.5217	361.71	0.2159	275.6	146.74	0.6659	2.820	376.000
378.000	356.6817	310.6869	328.9388	3.8335	0.3122	0.5217	362.67	0.2168	276.8	147.98	0.6661	2.808	378.000
380.000	358.1194	311.1962	329.9825	3.8362	0.3122	0.5217	363.63	0.2177	278.0	149.45	0.6662	2.792	380.000
382.000	360.1805	311.7861	331.0258	3.8390	0.3122	0.5217	364.59	0.2186	279.1	150.93	0.6661	2.776	382.000
384.000	361.7419	312.4866	332.0692	3.8416	0.3122	0.5217	365.54	0.2195	280.3	152.21	0.6662	2.764	384.000
386.000	363.8451	313.0669	333.1128	3.8442	0.3122	0.5217	366.49	0.2204	281.4	153.72	0.6661	2.748	386.000
388.000	365.4386	313.7596	334.1561	3.8470	0.3122	0.5217	367.44	0.2213	282.6	155.02	0.6662	2.736	388.000
390.000	367.5851	314.3385	335.1992	3.8498	0.3122	0.5217	368.39	0.2222	283.7	156.57	0.6661	2.720	390.000
392.000	369.2115	315.0161	336.2426	3.8523	0.3122	0.5217	369.33	0.2231	284.9	157.90	0.6662	2.708	392.000
394.000	371.4027	315.5774	337.2859	3.8550	0.3122	0.5217	370.28	0.2240	286.0	159.47	0.6661	2.692	394.000
396.000	373.0632	316.2554	338.3293	3.8576	0.3122	0.5217	371.22	0.2249	287.1	160.83	0.6660	2.681	396.000
398.000	374.7387	316.9299	339.3724	3.8603	0.3122	0.5217	372.15	0.2257	288.3	162.13	0.6664	2.669	398.000
400.000	376.9961	317.4764	340.4155	3.8628	0.3122	0.5217	373.09	0.2266	289.4	163.75	0.6663	2.653	400.000

THERMODYNAMIC PROPERTIES OF ARGON

2.4 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
86.000	0.7136	72.1387	72.3100	1.3417	0.9012	1.3110	602.36	1.3050	2701.0	0.71	2.7133	1401.432	86.000
87.000	0.7167	73.1347	73.0007	1.3565	0.8611	1.2832	610.10	1.2870	2621.1	0.72	2.6133	1395.300	87.000
88.000	0.7199	74.7043	74.0771	1.3710	0.8251	1.2599	616.81	1.2695	2544.6	0.73	2.5253	1389.120	88.000
89.000	0.7231	75.9557	76.1292	1.3853	0.7928	1.2401	622.65	1.2524	2471.5	0.73	2.4473	1382.916	89.000
90.000	0.7264	77.1865	77.3668	1.3991	0.7640	1.2236	627.57	1.2358	2401.4	0.73	2.3777	1376.656	90.000
91.000	0.7297	78.4015	78.5766	1.4126	0.7382	1.2101	631.77	1.2196	2334.2	0.74	2.3160	1370.372	91.000
92.000	0.7331	79.6035	79.7795	1.4256	0.7149	1.1993	635.11	1.2037	2269.5	0.74	2.2612	1364.016	92.000
93.000	0.7366	80.7992	80.9768	1.4386	0.6942	1.1905	637.66	1.1888	2207.2	0.74	2.2119	1357.605	93.000
94.000	0.7401	81.9829	82.1606	1.4511	0.6754	1.1838	639.58	1.1727	2147.3	0.73	2.1676	1351.145	94.000
95.000	0.7437	83.1651	83.3436	1.4637	0.6584	1.1785	640.75	1.1577	2089.4	0.73	2.1278	1344.598	95.000
96.000	0.7474	84.3462	84.5196	1.4762	0.6431	1.1758	641.36	1.1429	2033.7	0.73	2.0909	1337.998	96.000
* 96.328	0.7486	84.7175	84.8971	1.4799	0.6386	1.1743	641.32	1.1382	2016.1	0.73	2.0800	1335.861	96.328
* 96.328	78.4473	219.9818	238.8892	3.8788	0.3567	0.6296	176.12	0.0668	80.3	8.32	0.7568	12.747	96.328
97.000	79.0068	220.2567	239.2327	3.8823	0.3552	0.6261	176.91	0.0671	80.8	8.47	0.7539	12.648	97.000
98.000	80.0529	220.6441	239.8568	3.8885	0.3532	0.6211	178.07	0.0676	81.6	8.71	0.7497	12.492	98.000
99.000	81.0877	221.0266	240.4756	3.8948	0.3512	0.6163	179.22	0.0682	82.3	8.97	0.7437	12.346	99.000
100.000	82.0201	221.4046	241.0894	3.1010	0.3492	0.6120	180.35	0.0687	83.1	9.21	0.7403	12.192	100.000
101.000	82.9991	221.7794	241.6992	3.1070	0.3475	0.6080	181.46	0.0692	83.9	9.45	0.7372	12.048	101.000
102.000	83.9455	222.1503	242.3052	3.1130	0.3457	0.6040	182.57	0.0698	84.7	9.70	0.7338	11.912	102.000
103.000	84.9136	222.5282	242.9075	3.1188	0.3442	0.6005	183.67	0.0703	85.4	9.94	0.7296	11.777	103.000
104.000	85.8749	222.8958	243.5058	3.1246	0.3427	0.5970	184.75	0.0708	86.2	10.18	0.7269	11.645	104.000
105.000	86.8281	223.2628	244.1016	3.1303	0.3412	0.5940	185.82	0.0714	87.0	10.44	0.7238	11.517	105.000
106.000	87.7719	223.6283	244.6936	3.1361	0.3399	0.5909	186.88	0.0719	87.8	10.68	0.7214	11.393	106.000
107.000	88.7364	223.9861	245.2829	3.1416	0.3387	0.5880	187.93	0.0725	88.5	10.94	0.7178	11.269	107.000
108.000	89.6581	224.3514	245.8694	3.1468	0.3374	0.5853	188.97	0.0730	89.3	11.18	0.7159	11.163	108.000
109.000	90.5991	224.7096	246.4534	3.1523	0.3364	0.5828	190.00	0.0736	90.1	11.44	0.7134	11.038	109.000
110.000	91.5681	225.0687	247.0351	3.1576	0.3352	0.5803	191.02	0.0741	90.9	11.69	0.7118	10.922	110.000
111.000	92.4734	225.4288	247.6136	3.1629	0.3342	0.5780	192.04	0.0747	91.7	11.95	0.7095	10.814	111.000
112.000	93.4050	225.7734	248.1906	3.1681	0.3332	0.5757	193.04	0.0753	92.5	12.22	0.7073	10.706	112.000
113.000	94.3556	226.1198	248.7651	3.1731	0.3324	0.5737	194.04	0.0758	93.2	12.47	0.7055	10.598	113.000
114.000	95.2895	226.4686	249.3381	3.1781	0.3314	0.5717	195.03	0.0764	94.0	12.73	0.7035	10.494	114.000
115.000	96.2058	226.8194	249.9086	3.1831	0.3307	0.5700	196.00	0.0769	94.8	12.98	0.7027	10.394	115.000
116.000	97.1383	227.1644	250.4776	3.1881	0.3299	0.5682	196.98	0.0775	95.6	13.25	0.7009	10.295	116.000
117.000	98.0515	227.5127	251.0451	3.1929	0.3292	0.5665	197.94	0.0781	96.4	13.52	0.6992	10.199	117.000
118.000	98.9826	227.8549	251.6106	3.1977	0.3284	0.5650	198.90	0.0786	97.2	13.77	0.6987	10.103	118.000
119.000	99.8964	228.2006	252.1743	3.2024	0.3277	0.5635	199.86	0.0792	97.9	14.04	0.6965	10.011	119.000
120.000	100.8157	228.5415	252.7373	3.2072	0.3272	0.5620	200.80	0.0798	98.7	14.32	0.6951	9.919	120.000
121.000	101.7178	228.8862	253.2983	3.2119	0.3264	0.5605	201.73	0.0804	99.5	14.59	0.6936	9.831	121.000
122.000	102.6345	229.2268	253.8582	3.2164	0.3259	0.5592	202.66	0.0809	100.3	14.85	0.6933	9.743	122.000
123.000	103.5687	229.5663	254.4167	3.2209	0.3254	0.5580	203.59	0.0815	101.1	15.13	0.6922	9.655	123.000
124.000	104.4764	229.8996	254.9748	3.2254	0.3249	0.5567	204.51	0.0821	101.9	15.41	0.6910	9.572	124.000
125.000	105.3658	230.2445	255.5299	3.2299	0.3244	0.5555	205.42	0.0827	102.7	15.69	0.6898	9.492	125.000
126.000	106.2953	230.5748	256.0849	3.2342	0.3239	0.5545	206.33	0.0832	103.4	15.95	0.6891	9.408	126.000
127.000	107.1599	230.9205	256.6389	3.2387	0.3234	0.5535	207.23	0.0838	104.2	16.22	0.6882	9.332	127.000
128.000	108.0852	231.2611	257.1916	3.2430	0.3229	0.5525	208.13	0.0844	105.0	16.51	0.6873	9.252	128.000

THERMODYNAMIC PROPERTIES OF ARGON

2.4 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
129.000	108.9793	231.5883	257.7433	3.2472	0.3227	0.5515	209.02	0.0850	105.8	16.80	0.6864	9.176	129.000
130.000	109.8883	231.9218	258.2945	3.2515	0.3222	0.5505	209.90	0.0856	106.6	17.09	0.6855	9.106	130.000
131.000	110.8125	232.2487	258.8438	3.2557	0.3219	0.5497	210.78	0.0862	107.4	17.38	0.6849	9.024	131.000
132.000	111.7526	232.5849	259.3935	3.2600	0.3214	0.5487	211.66	0.0867	108.2	17.65	0.6848	8.952	132.000
133.000	112.6870	232.9162	259.9419	3.2640	0.3212	0.5480	212.53	0.0873	108.9	17.94	0.6835	8.880	133.000
134.000	113.4748	233.2554	260.4894	3.2682	0.3207	0.5472	213.40	0.0879	109.7	18.23	0.6829	8.813	134.000
135.000	114.4083	233.5781	261.0361	3.2723	0.3204	0.5465	214.26	0.0885	110.5	18.53	0.6823	8.741	135.000
136.000	115.3842	233.9098	261.5828	3.2763	0.3202	0.5457	215.11	0.0891	111.3	18.83	0.6817	8.673	136.000
137.000	116.1603	234.2488	262.1273	3.2803	0.3199	0.5450	215.97	0.0897	112.1	19.12	0.6810	8.609	137.000
138.000	117.0839	234.5718	262.6720	3.2843	0.3194	0.5442	216.81	0.0902	112.9	19.41	0.6812	8.541	138.000
139.000	117.9667	234.9036	263.2157	3.2880	0.3192	0.5437	217.66	0.0908	113.7	19.70	0.6808	8.477	139.000
140.000	118.8630	235.2320	263.7591	3.2920	0.3189	0.5430	218.50	0.0914	114.4	20.01	0.6796	8.413	140.000
141.000	119.7729	235.5583	264.3018	3.2958	0.3187	0.5425	219.33	0.0920	115.2	20.31	0.6792	8.349	141.000
142.000	120.6388	235.8907	264.8441	3.2995	0.3184	0.5420	220.16	0.0926	116.0	20.61	0.6789	8.289	142.000
143.000	121.5172	236.2214	265.3855	3.3035	0.3184	0.5415	220.99	0.0932	116.8	20.92	0.6786	8.229	143.000
144.000	122.4085	236.5484	265.9265	3.3073	0.3182	0.5407	221.81	0.0938	117.6	21.24	0.6779	8.169	144.000
145.000	123.3130	236.8718	266.4669	3.3111	0.3179	0.5402	222.63	0.0944	118.4	21.55	0.6775	8.109	145.000
146.000	124.2310	237.1914	267.0068	3.3146	0.3177	0.5397	223.44	0.0949	119.1	21.84	0.6773	8.050	146.000
147.000	125.1602	237.5225	267.5465	3.3183	0.3174	0.5395	224.26	0.0955	119.9	22.15	0.6773	7.994	147.000
148.000	126.0816	237.8502	268.0858	3.3221	0.3172	0.5390	225.06	0.0961	120.7	22.46	0.6769	7.938	148.000
149.000	126.8755	238.1741	268.6242	3.3256	0.3172	0.5384	225.87	0.0967	121.5	22.79	0.6765	7.882	149.000
150.000	127.7823	238.4944	269.1621	3.3291	0.3169	0.5379	226.67	0.0973	122.3	23.11	0.6762	7.826	150.000
151.000	128.6359	238.8272	269.6998	3.3328	0.3167	0.5377	227.47	0.0979	123.0	23.42	0.6756	7.774	151.000
152.000	129.5010	239.1568	270.2370	3.3363	0.3167	0.5372	228.26	0.0985	123.8	23.75	0.6752	7.722	152.000
153.000	130.4458	239.4672	270.7742	3.3398	0.3164	0.5367	229.05	0.0991	124.6	24.09	0.6748	7.666	153.000
154.000	131.2666	239.8078	271.3109	3.3433	0.3164	0.5364	229.84	0.0996	125.4	24.37	0.6754	7.618	154.000
155.000	132.1676	240.1267	271.8469	3.3469	0.3162	0.5359	230.62	0.1002	126.1	24.71	0.6745	7.566	155.000
156.000	133.0810	240.4434	272.3828	3.3501	0.3162	0.5357	231.40	0.1008	126.9	25.04	0.6744	7.514	156.000
157.000	133.9355	240.7738	272.9183	3.3536	0.3159	0.5354	232.18	0.1014	127.7	25.36	0.6743	7.466	157.000
158.000	134.8010	241.1012	273.4535	3.3569	0.3157	0.5349	232.95	0.1020	128.5	25.70	0.6739	7.418	158.000
159.000	135.6777	241.4255	273.9882	3.3604	0.3157	0.5347	233.72	0.1026	129.3	26.03	0.6738	7.370	159.000
160.000	136.5666	241.7468	274.5226	3.3638	0.3157	0.5344	234.49	0.1032	130.0	26.37	0.6732	7.322	160.000
161.000	137.4659	242.0652	275.0571	3.3669	0.3154	0.5342	235.26	0.1037	130.8	26.69	0.6738	7.275	161.000
162.000	138.3778	242.3803	275.5910	3.3704	0.3154	0.5339	236.02	0.1043	131.6	27.03	0.6737	7.227	162.000
163.000	139.2244	242.7188	276.1247	3.3736	0.3152	0.5334	236.78	0.1049	132.3	27.38	0.6728	7.183	163.000
164.000	140.0814	243.0386	276.6581	3.3769	0.3152	0.5332	237.54	0.1055	133.1	27.72	0.6727	7.139	164.000
165.000	141.0284	243.3443	277.1911	3.3801	0.3149	0.5329	238.29	0.1061	133.9	28.08	0.6726	7.091	165.000
166.000	141.9078	243.6662	277.7240	3.3831	0.3149	0.5327	239.04	0.1067	134.7	28.42	0.6725	7.047	166.000
167.000	142.7169	244.0044	278.2565	3.3864	0.3149	0.5324	239.79	0.1072	135.4	28.73	0.6725	7.007	167.000
168.000	143.6176	244.3287	278.7889	3.3897	0.3147	0.5322	240.53	0.1078	136.2	29.09	0.6724	6.963	168.000
169.000	144.5297	244.6340	279.3211	3.3927	0.3147	0.5319	241.28	0.1084	137.0	29.45	0.6723	6.919	169.000
170.000	145.3698	244.9645	279.8531	3.3959	0.3147	0.5319	242.02	0.1090	137.7	29.79	0.6720	6.879	170.000
171.000	146.2181	245.2921	280.3845	3.3989	0.3144	0.5317	242.75	0.1096	138.5	30.14	0.6719	6.839	171.000
172.000	147.1637	245.5969	280.9162	3.4022	0.3144	0.5314	243.49	0.1102	139.3	30.52	0.6718	6.795	172.000
173.000	148.0340	245.9192	281.4474	3.4052	0.3144	0.5312	244.22	0.1107	140.0	30.86	0.6718	6.755	173.000

THERMODYNAMIC PROPERTIES OF ARGON

2.4 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
174.000	148.9146	246.2391	281.9786	3.4082	0.3144	0.5369	244.96	0.1113	140.8	31.22	0.6717	6.715	174.000
176.000	149.7162	246.5774	282.5092	3.4112	0.3142	0.5367	245.68	0.1119	141.5	31.67	0.6711	6.679	176.000
178.000	150.5178	246.9919	283.0399	3.4142	0.3142	0.5367	246.40	0.1125	142.3	31.93	0.6713	6.639	178.000
177.000	151.5287	247.2835	283.5704	3.4172	0.3142	0.5364	247.12	0.1131	143.1	32.31	0.6711	6.599	177.000
178.000	152.3588	247.5347	284.1008	3.4202	0.3142	0.5362	247.84	0.1136	143.8	32.64	0.6711	6.563	178.000
179.000	153.2918	247.8467	284.6307	3.4232	0.3139	0.5362	248.56	0.1142	144.6	33.02	0.6713	6.524	179.000
180.000	154.1418	248.1668	285.1607	3.4262	0.3139	0.5299	249.28	0.1148	145.3	33.39	0.6707	6.488	180.000
181.000	155.0003	248.4988	285.6906	3.4292	0.3139	0.5297	249.99	0.1154	146.1	33.77	0.6706	6.452	181.000
182.000	155.9689	248.8116	286.2201	3.4320	0.3139	0.5297	250.70	0.1159	146.9	34.11	0.6714	6.416	182.000
183.000	156.7473	249.1384	286.7496	3.4350	0.3137	0.5294	251.41	0.1165	147.6	34.49	0.6708	6.380	183.000
184.000	157.6357	249.4464	287.2789	3.4377	0.3137	0.5292	252.12	0.1171	148.4	34.88	0.6706	6.344	184.000
185.000	158.5341	249.7599	287.8081	3.4407	0.3137	0.5292	252.82	0.1177	149.1	35.26	0.6704	6.308	185.000
186.000	159.3414	250.0954	288.3373	3.4435	0.3137	0.5289	253.52	0.1183	149.9	35.64	0.6702	6.276	186.000
187.000	160.2596	250.4037	288.8662	3.4462	0.3137	0.5289	254.22	0.1188	150.6	36.00	0.6705	6.240	187.000
188.000	161.0846	250.7347	289.3950	3.4490	0.3134	0.5287	254.92	0.1194	151.4	36.38	0.6704	6.208	188.000
189.000	162.0229	251.0379	289.9234	3.4520	0.3134	0.5287	255.61	0.1200	152.1	36.78	0.6701	6.172	189.000
190.000	162.8663	251.3539	290.4518	3.4547	0.3134	0.5284	256.31	0.1205	152.9	37.14	0.6705	6.140	190.000
191.000	163.7184	251.6876	290.9800	3.4575	0.3134	0.5284	257.00	0.1211	153.6	37.52	0.6703	6.108	191.000
192.000	164.5795	252.0094	291.5085	3.4602	0.3134	0.5282	257.69	0.1217	154.4	37.92	0.6701	6.076	192.000
193.000	165.4497	252.3284	292.0364	3.4630	0.3134	0.5282	258.37	0.1223	155.1	38.31	0.6698	6.044	193.000
194.000	166.3292	252.6456	292.5646	3.4658	0.3134	0.5279	259.06	0.1228	155.9	38.69	0.6702	6.012	194.000
195.000	167.2181	252.9599	293.0923	3.4685	0.3132	0.5279	259.74	0.1234	156.6	39.09	0.6700	5.980	195.000
196.000	168.1165	253.2722	293.6202	3.4710	0.3132	0.5277	260.42	0.1240	157.3	39.51	0.6694	5.948	196.000
197.000	168.9195	253.6004	294.1479	3.4738	0.3132	0.5277	261.10	0.1246	158.1	39.88	0.6696	5.920	197.000
198.000	169.8273	253.9168	294.6753	3.4763	0.3132	0.5274	261.78	0.1251	158.8	40.28	0.6695	5.888	198.000
199.000	170.6376	254.2497	295.2028	3.4790	0.3132	0.5274	262.45	0.1257	159.6	40.67	0.6697	5.860	199.000
200.000	171.5733	254.5524	295.7299	3.4818	0.3132	0.5272	263.13	0.1263	160.3	41.10	0.6691	5.828	200.000
202.000	174.0789	255.0006	296.7838	3.4866	0.3132	0.5272	264.47	0.1274	161.8	42.07	0.6695	5.765	202.000
204.000	175.9139	255.6231	297.8424	3.4918	0.3129	0.5269	265.80	0.1285	163.3	42.90	0.6696	5.685	204.000
206.000	177.6618	256.2578	298.8958	3.4968	0.3129	0.5267	267.13	0.1296	164.7	43.72	0.6693	5.629	206.000
208.000	179.4447	256.8824	299.9492	3.5018	0.3129	0.5264	268.45	0.1308	166.2	44.59	0.6689	5.573	208.000
210.000	181.1827	257.5382	301.0020	3.5068	0.3129	0.5264	269.76	0.1319	167.7	45.38	0.6693	5.521	210.000
212.000	182.8528	258.1697	302.0544	3.5118	0.3129	0.5262	271.06	0.1330	169.1	46.22	0.6690	5.469	212.000
214.000	184.6068	258.8014	303.1068	3.5168	0.3127	0.5262	272.36	0.1341	170.6	47.05	0.6694	5.417	214.000
216.000	186.3927	259.4244	304.1587	3.5231	0.3127	0.5259	273.65	0.1353	172.0	47.95	0.6686	5.365	216.000
218.000	188.0732	260.0727	305.2103	3.5281	0.3127	0.5257	274.94	0.1364	173.5	48.80	0.6687	5.317	218.000
220.000	189.9283	260.6791	306.2619	3.5328	0.3127	0.5257	276.22	0.1375	174.9	49.68	0.6687	5.265	220.000
222.000	191.6734	261.3114	307.3130	3.5376	0.3127	0.5254	277.49	0.1386	176.3	50.56	0.6684	5.217	222.000
224.000	193.3815	261.9715	308.3639	3.5421	0.3127	0.5254	278.76	0.1397	177.8	51.39	0.6687	5.173	224.000
226.000	195.1896	262.5882	309.4145	3.5469	0.3127	0.5252	280.02	0.1408	179.2	52.31	0.6684	5.125	226.000
228.000	196.7967	263.2336	310.4648	3.5516	0.3127	0.5252	281.27	0.1419	180.6	53.17	0.6684	5.081	228.000
230.000	198.6718	263.8337	311.5147	3.5561	0.3127	0.5249	282.52	0.1430	182.0	54.12	0.6681	5.033	230.000
232.000	200.2663	264.5026	312.5651	3.5606	0.3124	0.5249	283.76	0.1441	183.4	54.97	0.6681	4.994	232.000
234.000	202.0383	265.1255	313.6147	3.5651	0.3124	0.5249	285.00	0.1452	184.9	55.89	0.6685	4.950	234.000
236.000	203.8481	265.7416	314.6646	3.5696	0.3124	0.5247	286.23	0.1463	186.3	56.84	0.6681	4.906	236.000

THERMODYNAMIC PROPERTIES OF ARGON

2.4 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
238.000	205.5217	266.3887	315.7139	3.5739	0.3124	0.5247	287.45	0.1474	187.7	57.74	0.6681	4.866	238.000
240.000	207.2238	267.0293	316.7628	3.5784	0.3124	0.5247	288.67	0.1486	189.1	58.65	0.6681	4.826	240.000
242.000	209.1273	267.6211	317.8116	3.5827	0.3124	0.5244	289.89	0.1496	190.5	59.62	0.6683	4.782	242.000
244.000	210.7116	268.2899	318.8607	3.5869	0.3124	0.5244	291.10	0.1506	191.9	60.51	0.6683	4.746	244.000
246.000	212.5004	268.9095	319.9096	3.5912	0.3124	0.5244	292.30	0.1517	193.3	61.47	0.6682	4.706	246.000
248.000	214.3197	269.5212	320.9586	3.5954	0.3124	0.5242	293.50	0.1528	194.6	62.47	0.6676	4.666	248.000
250.000	215.9848	270.1782	322.0063	3.5997	0.3124	0.5242	294.69	0.1538	196.0	63.37	0.6680	4.630	250.000
252.000	217.6743	270.8129	323.0547	3.6039	0.3124	0.5242	295.88	0.1549	197.4	64.32	0.6680	4.594	252.000
254.000	219.3913	271.4487	324.1026	3.6079	0.3124	0.5239	297.06	0.1560	198.8	65.32	0.6677	4.558	254.000
256.000	221.1355	272.0782	325.1507	3.6122	0.3124	0.5239	298.24	0.1570	200.1	66.26	0.6678	4.522	256.000
258.000	222.9078	272.7064	326.1983	3.6162	0.3124	0.5239	299.41	0.1581	201.5	67.26	0.6678	4.486	258.000
260.000	224.7086	273.3161	327.2462	3.6202	0.3124	0.5239	300.58	0.1591	202.9	68.24	0.6682	4.450	260.000
262.000	226.5348	273.9734	328.2935	3.6242	0.3124	0.5237	301.75	0.1602	204.2	69.24	0.6676	4.418	262.000
264.000	228.1989	274.5753	329.3411	3.6282	0.3124	0.5237	302.91	0.1613	205.6	70.29	0.6675	4.382	264.000
266.000	229.8672	275.2281	330.3882	3.6322	0.3124	0.5237	304.06	0.1623	206.9	71.24	0.6676	4.350	266.000
268.000	231.5684	275.8592	331.4356	3.6360	0.3124	0.5237	305.21	0.1633	208.3	72.21	0.6680	4.318	268.000
270.000	233.2949	276.4917	332.4825	3.6400	0.3122	0.5234	306.36	0.1644	209.6	73.27	0.6673	4.286	270.000
272.000	235.0473	277.1182	333.5296	3.6437	0.3122	0.5234	307.50	0.1654	210.9	74.27	0.6674	4.254	272.000
274.000	236.8263	277.7381	334.5764	3.6477	0.3122	0.5234	308.63	0.1665	212.3	75.33	0.6674	4.223	274.000
276.000	238.6324	278.3513	335.6230	3.6515	0.3122	0.5234	309.77	0.1675	213.6	76.36	0.6675	4.191	276.000
278.000	240.2355	279.0131	336.6696	3.6553	0.3122	0.5234	310.89	0.1685	214.9	77.34	0.6676	4.163	278.000
280.000	242.0942	279.6136	337.7162	3.6590	0.3122	0.5232	312.02	0.1696	216.3	78.48	0.6672	4.131	280.000
282.000	243.7443	280.2643	338.7629	3.6628	0.3122	0.5232	313.14	0.1706	217.6	79.48	0.6673	4.103	282.000
284.000	245.4171	280.9089	339.8096	3.6663	0.3122	0.5232	314.25	0.1716	218.9	80.58	0.6674	4.075	284.000
286.000	247.3571	281.4896	340.8563	3.6700	0.3122	0.5232	315.36	0.1726	220.2	81.60	0.6675	4.043	286.000
288.000	249.0000	282.1225	341.9017	3.6735	0.3122	0.5232	316.47	0.1736	221.5	82.65	0.6675	4.015	288.000
290.000	250.8271	282.7491	342.9476	3.6773	0.3122	0.5229	317.57	0.1747	222.8	83.80	0.6669	3.987	290.000
292.000	252.3442	283.4311	343.9937	3.6806	0.3122	0.5229	318.67	0.1757	224.1	84.79	0.6670	3.963	292.000
294.000	254.1375	284.0465	345.0395	3.6843	0.3122	0.5229	319.77	0.1767	225.4	85.87	0.6671	3.935	294.000
296.000	255.9565	284.6558	346.0854	3.6880	0.3122	0.5229	320.86	0.1777	226.7	86.98	0.6671	3.907	296.000
298.000	257.5365	285.3226	347.1313	3.6915	0.3122	0.5229	321.95	0.1787	228.0	88.01	0.6672	3.883	298.000
300.000	259.4046	285.9197	348.1768	3.6951	0.3122	0.5229	323.03	0.1797	229.3	89.14	0.6673	3.855	300.000
302.000	261.0276	286.5759	349.2225	3.6983	0.3122	0.5227	324.11	0.1807	230.6	90.24	0.6670	3.831	302.000
304.000	262.9469	287.1668	350.2681	3.7018	0.3122	0.5227	325.19	0.1817	231.8	91.41	0.6668	3.803	304.000
306.000	264.6146	287.8062	351.3137	3.7053	0.3122	0.5227	326.26	0.1827	233.1	92.49	0.6669	3.779	306.000
308.000	266.3836	288.4462	352.3590	3.7086	0.3122	0.5227	327.33	0.1837	234.4	93.59	0.6669	3.755	308.000
310.000	268.0144	289.0816	353.4044	3.7121	0.3122	0.5227	328.40	0.1847	235.6	94.71	0.6667	3.731	310.000
312.000	269.7472	289.7162	354.4495	3.7153	0.3122	0.5227	329.46	0.1857	236.9	95.84	0.6668	3.707	312.000
314.000	271.5826	290.3342	355.4949	3.7188	0.3122	0.5227	330.52	0.1866	238.2	96.93	0.6672	3.683	314.000
316.000	273.2810	290.9525	356.5400	3.7221	0.3122	0.5227	331.57	0.1876	239.4	98.09	0.6670	3.659	316.000
318.000	274.7889	291.6377	357.5851	3.7253	0.3122	0.5224	332.62	0.1886	240.7	99.20	0.6667	3.639	318.000
320.000	276.6027	292.2466	358.6302	3.7286	0.3122	0.5224	333.67	0.1896	241.9	100.38	0.6666	3.615	320.000
322.000	278.4488	292.8474	359.6750	3.7319	0.3122	0.5224	334.72	0.1906	243.2	101.53	0.6670	3.591	322.000
324.000	280.0661	293.5187	360.7202	3.7351	0.3122	0.5224	335.76	0.1915	244.4	102.64	0.6667	3.571	324.000
326.000	281.8988	294.1095	361.7650	3.7384	0.3122	0.5224	336.80	0.1925	245.7	103.87	0.6668	3.547	326.000

THERMODYNAMIC PROPERTIES OF ARGON

2.4 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
328.000	283.4943	294.7710	302.8096	3.7414	0.3122	0.5224	337.83	0.1934	246.9	104.95	0.6669	3.527	328.000
330.000	285.4338	296.3504	303.8545	3.7446	0.3122	0.5224	338.86	0.1944	248.1	106.21	0.6667	3.503	330.000
332.000	287.3734	298.0022	304.8991	3.7479	0.3122	0.5224	339.89	0.1954	249.4	107.37	0.6668	3.483	332.000
334.000	289.7268	299.6497	305.9440	3.7509	0.3122	0.5224	340.92	0.1963	250.6	108.49	0.6669	3.463	334.000
336.000	291.4867	297.2924	306.9886	3.7541	0.3122	0.5222	341.94	0.1973	251.8	109.72	0.6664	3.444	336.000
338.000	292.8958	297.9301	308.0329	3.7571	0.3122	0.5222	342.96	0.1982	253.0	110.87	0.6666	3.424	338.000
340.000	293.8892	298.5633	309.0775	3.7601	0.3122	0.5222	343.97	0.1992	254.3	112.08	0.6666	3.404	340.000
342.000	295.5436	299.1914	310.1219	3.7631	0.3122	0.5222	344.99	0.2001	255.5	113.25	0.6668	3.384	342.000
344.000	297.2986	299.8148	311.1665	3.7661	0.3122	0.5222	346.00	0.2011	256.7	114.49	0.6666	3.364	344.000
346.000	299.0746	300.4338	312.2108	3.7694	0.3122	0.5222	347.00	0.2020	257.9	115.69	0.6667	3.344	346.000
348.000	300.8719	301.0480	313.2552	3.7722	0.3122	0.5222	348.01	0.2030	259.1	116.97	0.6665	3.324	348.000
350.000	302.6910	301.6535	314.2993	3.7752	0.3122	0.5222	349.01	0.2039	260.3	118.19	0.6666	3.304	350.000
352.000	304.1621	302.2448	315.3437	3.7782	0.3122	0.5222	350.01	0.2049	261.5	119.35	0.6664	3.288	352.000
354.000	306.0213	302.9427	316.3878	3.7812	0.3122	0.5222	351.00	0.2058	262.7	120.61	0.6666	3.268	354.000
356.000	307.5251	303.6261	317.4322	3.7842	0.3122	0.5222	351.99	0.2067	263.9	121.73	0.6667	3.252	356.000
358.000	309.4258	304.2141	318.4763	3.7869	0.3122	0.5222	352.98	0.2077	265.1	123.00	0.6665	3.232	358.000
360.000	310.9633	304.8892	319.5204	3.7899	0.3122	0.5219	353.97	0.2086	266.3	124.28	0.6663	3.216	360.000
362.000	312.9068	305.4666	320.5642	3.7929	0.3122	0.5219	354.95	0.2095	267.5	125.60	0.6664	3.196	362.000
364.000	314.4792	306.1333	321.6083	3.7957	0.3122	0.5219	355.93	0.2104	268.6	126.77	0.6663	3.180	364.000
366.000	316.4678	306.7901	322.6522	3.7984	0.3122	0.5219	356.91	0.2113	269.8	128.12	0.6664	3.160	366.000
368.000	318.0755	307.3582	323.6963	3.8014	0.3122	0.5219	357.89	0.2123	271.0	129.38	0.6662	3.144	368.000
370.000	319.7004	308.0128	324.7401	3.8042	0.3122	0.5219	358.86	0.2132	272.2	130.59	0.6664	3.128	370.000
372.000	321.3428	308.6619	325.7840	3.8069	0.3122	0.5219	359.83	0.2141	273.3	131.82	0.6662	3.112	372.000
374.000	323.0005	309.3077	326.8279	3.8097	0.3122	0.5219	360.80	0.2150	274.5	133.05	0.6664	3.096	374.000
376.000	325.0000	309.8482	327.8717	3.8125	0.3122	0.5219	361.76	0.2159	275.7	134.48	0.6665	3.076	376.000
378.000	326.7956	310.4844	328.9153	3.8152	0.3122	0.5219	362.72	0.2168	276.8	135.75	0.6664	3.060	378.000
380.000	328.5118	311.1165	329.9592	3.8180	0.3122	0.5219	363.68	0.2177	278.0	137.02	0.6665	3.044	380.000
382.000	330.2446	311.7446	331.0028	3.8207	0.3122	0.5219	364.64	0.2186	279.1	138.32	0.6664	3.028	382.000
384.000	331.9966	312.3672	332.0464	3.8235	0.3122	0.5219	365.59	0.2195	280.3	139.62	0.6665	3.012	384.000
386.000	333.8228	313.0926	333.0900	3.8262	0.3122	0.5219	366.55	0.2204	281.4	140.76	0.6664	3.000	386.000
388.000	335.1877	313.7078	334.1336	3.8290	0.3122	0.5217	367.50	0.2213	282.6	142.16	0.6662	2.984	388.000
390.000	336.9118	314.3184	335.1772	3.8315	0.3122	0.5217	368.44	0.2222	283.7	143.50	0.6661	2.968	390.000
392.000	338.7354	314.9243	336.2208	3.8342	0.3122	0.5217	369.39	0.2231	284.9	144.86	0.6662	2.952	392.000
394.000	340.5788	315.5255	337.2644	3.8370	0.3122	0.5217	370.33	0.2240	286.0	146.24	0.6661	2.936	394.000
396.000	341.9746	316.2339	338.3078	3.8395	0.3122	0.5217	371.27	0.2249	287.2	147.43	0.6662	2.924	396.000
398.000	343.8536	316.8263	339.3511	3.8422	0.3122	0.5217	372.21	0.2258	288.3	148.83	0.6661	2.908	398.000
400.000	345.7533	317.4139	340.3947	3.8447	0.3122	0.5217	373.14	0.2267	289.4	150.25	0.6660	2.892	400.000

THERMODYNAMIC PROPERTIES OF ARGON

2.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
86.000	0.7135	72.1358	72.3205	1.3415	0.9009	1.3110	602.75	1.3051	2701.6	0.71	2.7137	1401.496	86.000
87.000	0.7167	73.4311	73.6175	1.3565	0.8666	1.2832	616.52	1.2871	2621.7	0.72	2.6137	1395.364	87.000
88.000	0.7198	74.6987	74.8858	1.3710	0.8246	1.2596	617.34	1.2697	2546.4	0.73	2.5252	1389.208	88.000
89.000	0.7231	75.9498	76.1378	1.3853	0.7923	1.2399	623.10	1.2526	2472.1	0.73	2.4476	1382.988	89.000
90.000	0.7264	77.1866	77.3688	1.3991	0.7635	1.2236	628.89	1.2368	2402.6	0.73	2.3779	1376.744	90.000
91.000	0.7297	78.3942	78.5839	1.4123	0.7377	1.2101	632.24	1.2197	2334.8	0.74	2.3164	1370.452	91.000
92.000	0.7331	79.5984	79.7898	1.4256	0.7144	1.1991	635.57	1.2038	2270.1	0.74	2.2612	1364.100	92.000
93.000	0.7365	80.7915	80.9838	1.4386	0.6937	1.1903	638.18	1.1882	2207.9	0.74	2.2118	1357.701	93.000
94.000	0.7401	81.9776	82.1701	1.4511	0.6751	1.1835	639.99	1.1729	2147.9	0.73	2.1674	1351.225	94.000
95.000	0.7437	83.1585	83.3519	1.4637	0.6581	1.1785	641.13	1.1578	2090.8	0.73	2.1274	1344.682	95.000
96.000	0.7473	84.3338	84.5281	1.4759	0.6428	1.1750	641.65	1.1430	2034.2	0.73	2.0912	1338.074	96.000
97.000	0.7511	85.5059	85.7012	1.4882	0.6291	1.1728	641.68	1.1285	1980.3	0.72	2.0580	1331.403	97.000
• 97.260	0.7521	85.8136	86.0066	1.4914	0.6256	1.1725	641.55	1.1247	1966.5	0.72	2.0501	1329.653	97.260
• 97.260	72.8537	220.1168	239.0588	3.0647	0.3587	0.6353	176.63	0.0677	81.1	7.76	0.7611	13.726	97.260
98.000	73.4954	220.4138	239.5226	3.0695	0.3578	0.6313	177.49	0.0681	81.7	7.93	0.7674	13.606	98.000
99.000	74.4138	220.8646	240.1519	3.0760	0.3547	0.6263	178.66	0.0686	82.4	8.15	0.7523	13.439	99.000
100.000	75.3312	221.1894	240.7755	3.0823	0.3527	0.6213	179.81	0.0691	83.2	8.38	0.7481	13.275	100.000
101.000	76.2258	221.5749	241.3936	3.0883	0.3507	0.6168	180.95	0.0696	84.0	8.60	0.7444	13.119	101.000
102.000	77.1419	221.9567	242.0076	3.0943	0.3490	0.6125	182.07	0.0702	84.8	8.84	0.7399	12.963	102.000
103.000	78.0316	222.3389	242.6192	3.1003	0.3472	0.6085	183.18	0.0707	85.5	9.07	0.7359	12.815	103.000
104.000	78.9172	222.7676	243.2254	3.1060	0.3454	0.6048	184.28	0.0712	86.3	9.29	0.7338	12.672	104.000
105.000	79.7977	223.0811	243.8285	3.1118	0.3439	0.6018	185.37	0.0718	87.1	9.53	0.7291	12.532	105.000
106.000	80.6981	223.4466	244.4275	3.1176	0.3424	0.5978	186.44	0.0723	87.9	9.76	0.7268	12.392	106.000
107.000	81.5658	223.8164	245.0235	3.1231	0.3412	0.5945	187.51	0.0729	88.7	10.00	0.7234	12.260	107.000
108.000	82.4524	224.1789	245.6165	3.1286	0.3397	0.5915	188.56	0.0734	89.4	10.23	0.7205	12.128	108.000
109.000	83.3387	224.5486	246.2066	3.1341	0.3384	0.5888	189.60	0.0739	90.2	10.46	0.7186	12.000	109.000
110.000	84.1996	224.9024	246.7943	3.1396	0.3374	0.5866	190.64	0.0745	91.0	10.70	0.7158	11.877	110.000
111.000	85.0668	225.2563	247.3788	3.1448	0.3362	0.5835	191.66	0.0750	91.8	10.94	0.7142	11.753	111.000
112.000	85.9339	225.6186	247.9668	3.1498	0.3352	0.5813	192.68	0.0756	92.6	11.18	0.7120	11.637	112.000
113.000	86.7988	225.9731	248.5486	3.1551	0.3342	0.5790	193.69	0.0762	93.3	11.42	0.7089	11.521	113.000
114.000	87.6797	226.3219	249.1186	3.1601	0.3332	0.5767	194.69	0.0767	94.1	11.66	0.7078	11.405	114.000
115.000	88.5481	226.6721	249.6946	3.1651	0.3324	0.5747	195.68	0.0773	94.9	11.91	0.7056	11.293	115.000
116.000	89.4019	227.0236	250.2681	3.1701	0.3314	0.5727	196.66	0.0778	95.7	12.14	0.7045	11.185	116.000
117.000	90.2399	227.3778	250.8393	3.1751	0.3307	0.5707	197.63	0.0784	96.5	12.40	0.7026	11.082	117.000
118.000	91.0937	227.7250	251.4093	3.1799	0.3299	0.5690	198.60	0.0790	97.3	12.65	0.7008	10.978	118.000
119.000	91.9638	228.0667	251.9773	3.1846	0.3292	0.5675	199.56	0.0795	98.0	12.88	0.6995	10.874	119.000
120.000	92.8163	228.4113	252.5435	3.1894	0.3284	0.5657	200.51	0.0801	98.8	13.14	0.6978	10.774	120.000
121.000	93.6496	228.7596	253.1085	3.1942	0.3279	0.5642	201.46	0.0807	99.6	13.39	0.6964	10.678	121.000
122.000	94.4981	229.1028	253.6723	3.1987	0.3272	0.5627	202.40	0.0812	100.4	13.64	0.6958	10.582	122.000
123.000	95.3621	229.4484	254.2345	3.2034	0.3267	0.5615	203.33	0.0818	101.2	13.89	0.6946	10.486	123.000
124.000	96.2058	229.7814	254.7947	3.2079	0.3259	0.5600	204.26	0.0824	102.0	14.16	0.6932	10.394	124.000
125.000	97.0638	230.1181	255.3545	3.2124	0.3254	0.5587	205.18	0.0830	102.7	14.42	0.6913	10.303	125.000
126.000	97.8981	230.4589	255.9124	3.2167	0.3249	0.5577	206.09	0.0835	103.5	14.66	0.6913	10.215	126.000
127.000	98.7477	230.7953	256.4697	3.2212	0.3244	0.5565	207.00	0.0841	104.3	14.92	0.6901	10.127	127.000
128.000	99.5726	231.1362	257.0251	3.2254	0.3239	0.5552	207.90	0.0847	105.1	15.19	0.6889	10.043	128.000

THERMODYNAMIC PROPERTIES OF ARGON

2.6 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
129.000	100.4113	231.4729	257.5790	3.2299	0.3234	0.5542	208.86	0.0853	105.9	15.45	0.6881	9.959	129.000
130.000	101.2643	231.9040	258.1335	3.2342	0.3232	0.5532	209.69	0.0858	106.7	15.71	0.6880	9.875	130.000
131.000	102.0983	232.1428	258.6863	3.2382	0.3227	0.5522	210.58	0.0864	107.5	15.97	0.6871	9.795	131.000
132.000	102.9299	232.4766	259.2378	3.2425	0.3222	0.5515	211.46	0.0870	108.2	16.24	0.6858	9.715	132.000
133.000	103.7483	232.8162	259.7887	3.2467	0.3219	0.5505	212.33	0.0876	109.0	16.51	0.6849	9.639	133.000
134.000	104.5637	233.1519	260.3384	3.2507	0.3214	0.5497	213.20	0.0882	109.8	16.78	0.6843	9.564	134.000
135.000	105.4062	233.4839	260.8879	3.2547	0.3212	0.5487	214.07	0.0887	110.6	17.04	0.6842	9.488	135.000
136.000	106.2502	233.8111	261.4361	3.2590	0.3209	0.5486	214.93	0.0893	111.4	17.32	0.6836	9.412	136.000
137.000	107.0682	234.1458	261.9836	3.2630	0.3204	0.5472	215.79	0.0899	112.2	17.59	0.6829	9.340	137.000
138.000	107.8989	234.4768	262.5305	3.2667	0.3202	0.5465	216.64	0.0905	113.0	17.87	0.6823	9.268	138.000
139.000	108.7426	234.8029	263.0766	3.2708	0.3199	0.5457	217.49	0.0911	113.7	18.15	0.6811	9.196	139.000
140.000	109.5616	235.1383	263.6217	3.2748	0.3197	0.5452	218.33	0.0917	114.5	18.43	0.6808	9.128	140.000
141.000	110.3728	235.4695	264.1664	3.2785	0.3194	0.5445	219.17	0.0922	115.3	18.69	0.6809	9.060	141.000
142.000	111.2063	235.7978	264.7106	3.2825	0.3192	0.5437	220.01	0.0928	116.1	18.98	0.6802	8.992	142.000
143.000	112.0526	236.1284	265.2541	3.2863	0.3189	0.5432	220.84	0.0934	116.9	19.27	0.6799	8.924	143.000
144.000	112.8689	236.4532	265.7970	3.2900	0.3187	0.5427	221.67	0.0940	117.6	19.56	0.6798	8.860	144.000
145.000	113.6989	236.7822	266.3392	3.2938	0.3184	0.5420	222.49	0.0946	118.4	19.84	0.6793	8.797	145.000
146.000	114.5138	237.1076	266.8810	3.2975	0.3182	0.5415	223.31	0.0952	119.2	20.13	0.6788	8.733	146.000
147.000	115.3573	237.4295	267.4224	3.3010	0.3179	0.5410	224.12	0.0958	120.0	20.43	0.6776	8.669	147.000
148.000	116.1603	237.7612	267.9628	3.3048	0.3177	0.5405	224.93	0.0963	120.8	20.70	0.6780	8.609	148.000
149.000	116.9745	238.0897	268.5031	3.3083	0.3174	0.5400	225.74	0.0969	121.6	20.99	0.6776	8.549	149.000
150.000	117.8002	238.4149	269.0430	3.3121	0.3174	0.5395	226.55	0.0975	122.3	21.29	0.6767	8.489	150.000
151.000	118.6376	238.7361	269.5819	3.3158	0.3172	0.5392	227.35	0.0981	123.1	21.58	0.6766	8.429	151.000
152.000	119.4301	239.0691	270.1200	3.3191	0.3169	0.5387	228.14	0.0987	123.9	21.88	0.6762	8.373	152.000
153.000	120.2332	239.3987	270.6593	3.3226	0.3169	0.5382	228.94	0.0993	124.7	22.18	0.6759	8.317	153.000
154.000	121.1057	239.7898	271.1973	3.3261	0.3167	0.5379	229.73	0.0998	125.4	22.47	0.6759	8.257	154.000
155.000	121.8722	240.0486	271.7347	3.3296	0.3164	0.5374	230.51	0.1004	126.2	22.77	0.6756	8.205	155.000
156.000	122.7085	240.3688	272.2722	3.3331	0.3164	0.5369	231.30	0.1010	127.0	23.08	0.6752	8.149	156.000
157.000	123.5585	240.6842	272.8089	3.3366	0.3162	0.5367	232.08	0.1016	127.8	23.39	0.6751	8.093	157.000
158.000	124.3544	241.0132	273.3453	3.3398	0.3162	0.5364	232.85	0.1022	128.5	23.69	0.6745	8.042	158.000
159.000	125.1627	241.3398	273.8813	3.3433	0.3159	0.5359	233.63	0.1028	129.3	24.01	0.6741	7.990	159.000
160.000	125.9816	241.6628	274.4172	3.3466	0.3159	0.5357	234.40	0.1033	130.1	24.29	0.6747	7.938	160.000
161.000	126.8113	241.9817	274.9527	3.3499	0.3157	0.5354	235.17	0.1039	130.9	24.61	0.6746	7.886	161.000
162.000	127.5869	242.3158	275.4876	3.3534	0.3157	0.5349	235.93	0.1045	131.6	24.92	0.6737	7.838	162.000
163.000	128.4379	242.6287	276.0226	3.3566	0.3154	0.5347	236.69	0.1051	132.4	25.25	0.6736	7.786	163.000
164.000	129.2336	242.9563	276.5570	3.3599	0.3154	0.5344	237.45	0.1057	133.2	25.56	0.6735	7.738	164.000
165.000	130.0392	243.2813	277.0915	3.3631	0.3152	0.5342	238.21	0.1063	133.9	25.88	0.6729	7.690	165.000
166.000	130.8549	243.6031	277.6254	3.3664	0.3152	0.5339	238.96	0.1068	134.7	26.17	0.6734	7.642	166.000
167.000	131.6809	243.9218	278.1588	3.3694	0.3152	0.5337	239.71	0.1074	135.5	26.50	0.6733	7.594	167.000
168.000	132.5174	244.2378	278.6923	3.3726	0.3149	0.5334	240.46	0.1080	136.3	26.83	0.6732	7.546	168.000
169.000	133.2936	244.5692	279.2255	3.3759	0.3149	0.5332	241.20	0.1086	137.0	27.15	0.6726	7.502	169.000
170.000	134.1508	244.8792	279.7584	3.3789	0.3149	0.5329	241.95	0.1092	137.8	27.49	0.6725	7.454	170.000
171.000	134.9463	245.2061	280.2911	3.3821	0.3147	0.5327	242.69	0.1097	138.5	27.79	0.6725	7.410	171.000
172.000	135.7513	245.5282	280.8235	3.3852	0.3147	0.5324	243.42	0.1103	139.3	28.12	0.6724	7.366	172.000
173.000	136.5666	245.8486	281.3557	3.3882	0.3147	0.5322	244.16	0.1109	140.1	28.46	0.6723	7.322	173.000

THERMODYNAMIC PROPERTIES OF ARGON

2.6 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
174.000	137.3905	246.1662	281.8877	3.3912	0.3144	0.5319	244.89	0.1115	140.8	28.80	0.6717	7.279	174.000
176.000	138.1487	246.5010	282.4196	3.3944	0.3144	0.5317	245.62	0.1121	141.6	29.13	0.6716	7.239	176.000
176.000	138.9925	246.8130	282.9511	3.3974	0.3144	0.5314	246.34	0.1126	142.4	29.45	0.6721	7.195	176.000
177.000	139.7685	247.1427	283.4825	3.4004	0.3142	0.5312	247.07	0.1132	143.1	29.79	0.6715	7.155	177.000
178.000	140.5323	247.4493	284.0137	3.4034	0.3142	0.5312	247.79	0.1138	143.9	30.13	0.6717	7.111	178.000
179.000	141.4268	247.7734	284.5444	3.4062	0.3142	0.5309	248.51	0.1144	144.6	30.47	0.6711	7.071	179.000
180.000	142.2384	248.0955	285.0753	3.4092	0.3142	0.5307	249.23	0.1150	145.4	30.82	0.6710	7.031	180.000
181.000	143.0431	248.4140	285.6060	3.4122	0.3139	0.5304	249.94	0.1155	146.2	31.15	0.6714	6.991	181.000
182.000	143.8652	248.7315	286.1365	3.4152	0.3139	0.5304	250.65	0.1161	146.9	31.49	0.6712	6.951	182.000
183.000	144.6132	249.0672	286.6667	3.4179	0.3139	0.5302	251.36	0.1167	147.7	31.83	0.6710	6.915	183.000
184.000	145.4535	249.3787	287.1966	3.4209	0.3139	0.5299	252.07	0.1173	148.4	32.20	0.6704	6.875	184.000
185.000	146.2181	249.7101	287.7268	3.4237	0.3139	0.5299	252.78	0.1178	149.2	32.56	0.6712	6.839	185.000
186.000	147.0772	250.0164	288.2565	3.4265	0.3137	0.5297	253.48	0.1184	149.9	32.88	0.6706	6.799	186.000
187.000	147.8591	250.3428	288.7862	3.4295	0.3137	0.5297	254.18	0.1190	150.7	33.22	0.6708	6.763	187.000
188.000	148.6493	250.6665	289.3154	3.4322	0.3137	0.5294	254.88	0.1196	151.4	33.58	0.6702	6.727	188.000
189.000	149.4488	250.9883	289.8448	3.4350	0.3137	0.5292	255.58	0.1201	152.2	33.92	0.6706	6.691	189.000
190.000	150.2554	251.3078	290.3740	3.4377	0.3137	0.5292	256.27	0.1207	152.9	34.27	0.6704	6.655	190.000
191.000	151.0715	251.6243	290.9029	3.4405	0.3134	0.5289	256.96	0.1213	153.7	34.64	0.6702	6.619	191.000
192.000	151.8965	251.9388	291.4319	3.4432	0.3134	0.5289	257.65	0.1218	154.4	34.98	0.6705	6.583	192.000
193.000	152.7306	252.2506	291.9606	3.4460	0.3134	0.5287	258.34	0.1224	155.2	35.36	0.6704	6.547	193.000
194.000	153.4797	252.5845	292.4892	3.4487	0.3134	0.5287	259.03	0.1230	155.9	35.71	0.6701	6.516	194.000
195.000	154.3313	252.8915	293.0176	3.4515	0.3134	0.5284	259.71	0.1236	156.7	36.10	0.6700	6.480	195.000
196.000	155.0963	253.2211	293.5461	3.4542	0.3134	0.5284	260.40	0.1241	157.4	36.42	0.6702	6.448	196.000
197.000	155.8689	253.5486	294.0746	3.4570	0.3132	0.5282	261.08	0.1247	158.1	36.80	0.6697	6.416	197.000
198.000	156.7473	253.8482	294.6025	3.4596	0.3132	0.5282	261.75	0.1253	158.9	37.18	0.6698	6.380	198.000
199.000	157.5365	254.1712	295.1306	3.4623	0.3132	0.5279	262.43	0.1258	159.6	37.54	0.6698	6.348	199.000
200.000	158.3336	254.4919	295.6586	3.4648	0.3132	0.5279	263.10	0.1264	160.4	37.91	0.6699	6.316	200.000
202.000	160.0718	254.9437	296.7182	3.4710	0.3132	0.5277	264.45	0.1275	161.8	38.62	0.6696	6.224	202.000
204.000	162.2329	255.5928	297.7733	3.4763	0.3132	0.5274	265.78	0.1286	163.3	39.56	0.6698	6.164	204.000
206.000	163.9328	256.2954	298.8288	3.4813	0.3129	0.5272	267.11	0.1298	164.8	40.36	0.6693	6.100	206.000
208.000	165.5592	256.9369	299.8823	3.4865	0.3129	0.5272	268.43	0.1309	166.2	41.11	0.6694	6.040	208.000
210.000	167.1964	257.4885	300.9362	3.4915	0.3129	0.5269	269.75	0.1320	167.7	41.86	0.6694	5.984	210.000
212.000	168.7966	258.1824	301.9896	3.4965	0.3129	0.5267	271.05	0.1331	169.2	42.66	0.6695	5.924	212.000
214.000	170.4053	258.7375	303.0429	3.5013	0.3129	0.5264	272.35	0.1343	170.6	43.47	0.6687	5.868	214.000
216.000	171.9268	259.3948	304.0958	3.5063	0.3129	0.5264	273.65	0.1354	172.1	44.22	0.6691	5.816	216.000
218.000	173.5900	260.0135	305.1484	3.5111	0.3127	0.5262	274.94	0.1365	173.5	45.03	0.6688	5.761	218.000
220.000	175.1752	260.6552	306.2008	3.5158	0.3127	0.5262	276.22	0.1376	174.9	45.81	0.6688	5.709	220.000
222.000	176.7835	261.2889	307.2527	3.5206	0.3127	0.5259	277.49	0.1387	176.4	46.62	0.6689	5.657	222.000
224.000	178.4215	261.9149	308.3045	3.5253	0.3127	0.5259	278.76	0.1398	177.8	47.43	0.6689	5.605	224.000
226.000	180.0982	262.5327	309.3561	3.5301	0.3127	0.5257	280.02	0.1409	179.2	48.27	0.6686	5.553	226.000
228.000	181.6585	263.1761	310.4073	3.5348	0.3127	0.5257	281.27	0.1420	180.7	49.07	0.6690	5.505	228.000
230.000	183.2543	263.8123	311.4584	3.5394	0.3127	0.5254	282.52	0.1431	182.1	49.91	0.6686	5.457	230.000
232.000	184.8785	264.4486	312.5090	3.5439	0.3127	0.5254	283.77	0.1442	183.5	50.74	0.6686	5.409	232.000
234.000	186.5316	265.0614	313.5596	3.5484	0.3124	0.5252	285.01	0.1453	184.9	51.61	0.6683	5.361	234.000
236.000	188.0732	265.7110	314.6100	3.5529	0.3124	0.5252	286.24	0.1464	186.3	52.43	0.6683	5.317	236.000

THERMODYNAMIC PROPERTIES OF ARGON

2.6 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
238.000	189.6485	266.3536	315.6601	3.5571	0.3124	0.5249	287.46	0.1475	187.7	53.29	0.6680	5.273	238.000
240.000	191.3803	266.9611	316.7160	3.5616	0.3124	0.5249	288.68	0.1486	189.1	54.18	0.6680	5.225	240.000
242.000	192.8547	267.6176	317.7598	3.5659	0.3124	0.5249	289.90	0.1496	190.5	54.96	0.6684	5.185	242.000
244.000	194.5031	268.2384	318.8092	3.5701	0.3124	0.5247	291.11	0.1507	191.9	55.87	0.6681	5.141	244.000
246.000	196.1798	268.8518	319.8586	3.5744	0.3124	0.5247	292.31	0.1518	193.3	56.76	0.6681	5.097	246.000
248.000	197.7294	269.4983	320.9079	3.5787	0.3124	0.5247	293.51	0.1529	194.7	57.62	0.6681	5.057	248.000
250.000	199.3837	270.1378	321.9568	3.5829	0.3124	0.5244	294.71	0.1539	196.1	58.49	0.6682	5.017	250.000
252.000	200.9832	270.7788	323.0056	3.5872	0.3124	0.5244	295.90	0.1550	197.4	59.38	0.6679	4.978	252.000
254.000	202.5287	271.3971	324.0545	3.5912	0.3124	0.5244	297.08	0.1561	198.8	60.28	0.6679	4.938	254.000
256.000	204.1000	272.0159	325.1029	3.5954	0.3124	0.5242	298.26	0.1571	200.2	61.19	0.6680	4.898	256.000
258.000	205.8597	272.6279	326.1515	3.5994	0.3124	0.5242	299.44	0.1582	201.5	62.13	0.6677	4.858	258.000
260.000	207.3947	273.2769	327.1996	3.6034	0.3124	0.5242	300.61	0.1592	202.9	62.99	0.6681	4.822	260.000
262.000	208.9528	273.9200	328.2477	3.6074	0.3124	0.5239	301.77	0.1603	204.3	63.93	0.6677	4.786	262.000
264.000	210.5344	274.5569	329.2958	3.6114	0.3124	0.5239	302.93	0.1613	205.6	64.82	0.6678	4.750	264.000
266.000	212.1402	275.1872	330.3437	3.6154	0.3124	0.5239	304.09	0.1624	207.0	65.76	0.6678	4.714	266.000
268.000	213.7706	275.8109	331.3913	3.6192	0.3124	0.5239	305.24	0.1634	208.3	66.67	0.6679	4.678	268.000
270.000	215.4264	276.4280	332.4389	3.6232	0.3124	0.5237	306.38	0.1645	209.6	67.67	0.6673	4.642	270.000
272.000	216.9198	277.0874	333.4865	3.6270	0.3122	0.5237	307.52	0.1655	211.0	68.55	0.6677	4.610	272.000
274.000	218.6248	277.6914	334.5339	3.6310	0.3122	0.5237	308.66	0.1666	212.3	69.55	0.6673	4.574	274.000
276.000	220.1631	278.3386	335.5810	3.6347	0.3122	0.5237	309.80	0.1676	213.6	70.46	0.6674	4.542	276.000
278.000	221.7232	278.9801	336.6281	3.6385	0.3122	0.5237	310.92	0.1686	215.0	71.38	0.6678	4.510	278.000
280.000	223.5048	279.5648	337.6752	3.6422	0.3122	0.5234	312.05	0.1696	216.3	72.42	0.6676	4.474	280.000
282.000	225.1128	280.1938	338.7223	3.6460	0.3122	0.5234	313.17	0.1707	217.6	73.41	0.6672	4.442	282.000
284.000	226.5388	280.8688	339.7689	3.6496	0.3122	0.5234	314.28	0.1717	218.9	74.31	0.6673	4.414	284.000
286.000	228.1969	281.4862	340.8158	3.6532	0.3122	0.5234	315.40	0.1727	220.2	75.29	0.6674	4.382	286.000
288.000	229.8672	282.0969	341.8624	3.6570	0.3122	0.5234	316.50	0.1737	221.5	76.28	0.6675	4.350	288.000
290.000	231.3544	282.7569	342.9090	3.6605	0.3122	0.5232	317.61	0.1747	222.8	77.25	0.6672	4.322	290.000
292.000	233.0777	283.3552	343.9554	3.6640	0.3122	0.5232	318.71	0.1758	224.1	78.32	0.6669	4.290	292.000
294.000	234.6668	284.0048	345.0017	3.6678	0.3122	0.5232	319.80	0.1768	225.4	79.28	0.6676	4.262	294.000
296.000	236.1561	284.6475	346.0481	3.6713	0.3122	0.5232	320.90	0.1778	226.7	80.26	0.6671	4.234	296.000
298.000	237.7268	285.2855	347.0942	3.6748	0.3122	0.5232	321.98	0.1788	228.0	81.24	0.6671	4.207	298.000
300.000	239.3169	285.9179	348.1403	3.6783	0.3122	0.5229	323.07	0.1798	229.3	82.28	0.6669	4.179	300.000
302.000	240.9292	286.5448	349.1864	3.6818	0.3122	0.5229	324.15	0.1808	230.6	83.30	0.6670	4.151	302.000
304.000	242.5634	287.1661	350.2325	3.6850	0.3122	0.5229	325.23	0.1818	231.9	84.33	0.6670	4.123	304.000
306.000	244.2199	287.7812	351.2784	3.6885	0.3122	0.5229	326.30	0.1828	233.1	85.37	0.6668	4.096	306.000
308.000	245.8992	288.3902	352.3240	3.6920	0.3122	0.5229	327.37	0.1838	234.4	86.43	0.6669	4.067	308.000
310.000	247.3571	289.0578	353.3699	3.6953	0.3122	0.5229	328.44	0.1847	235.7	87.37	0.6673	4.043	310.000
312.000	249.0666	289.6547	354.4155	3.6986	0.3122	0.5229	329.50	0.1857	236.9	88.45	0.6671	4.015	312.000
314.000	250.5768	290.3113	355.4611	3.7021	0.3122	0.5227	330.56	0.1867	238.2	89.51	0.6669	3.991	314.000
316.000	252.0961	290.9633	356.5067	3.7053	0.3122	0.5227	331.61	0.1877	239.5	90.53	0.6669	3.967	316.000
318.000	253.8797	291.5433	357.5521	3.7086	0.3122	0.5227	332.67	0.1887	240.7	91.66	0.6667	3.939	318.000
320.000	255.4341	292.1848	358.5977	3.7118	0.3122	0.5227	333.71	0.1896	242.0	92.66	0.6671	3.915	320.000
322.000	257.0076	292.8218	359.6430	3.7151	0.3122	0.5227	334.76	0.1906	243.2	93.72	0.6669	3.891	322.000
324.000	258.6000	293.4622	360.6884	3.7183	0.3122	0.5227	335.80	0.1916	244.5	94.80	0.6670	3.867	324.000
326.000	260.2136	294.0786	361.7335	3.7216	0.3122	0.5227	336.84	0.1926	245.7	95.89	0.6668	3.843	326.000

THERMODYNAMIC PROPERTIES OF ARGON

2.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
328.000	261.8467	294.6985	362.7786	3.7248	0.3122	0.5227	337.88	0.1935	246.9	96.94	0.6669	3.819	328.000
330.000	263.5886	296.3136	363.9237	3.7278	0.3122	0.5224	338.91	0.1945	248.2	98.18	0.6667	3.795	330.000
332.000	264.8947	295.9962	364.8688	3.7311	0.3122	0.5224	339.94	0.1954	249.4	99.08	0.6668	3.775	332.000
334.000	266.5872	296.6818	365.9137	3.7341	0.3122	0.5224	340.96	0.1964	250.6	100.22	0.6666	3.751	334.000
336.000	268.3816	297.2663	366.9588	3.7374	0.3122	0.5224	341.98	0.1974	251.9	101.38	0.6667	3.727	336.000
338.000	269.7472	297.8694	368.0036	3.7404	0.3122	0.5224	343.00	0.1983	253.1	102.39	0.6668	3.707	338.000
340.000	271.5026	298.4578	369.0485	3.7434	0.3122	0.5224	344.02	0.1993	254.3	103.57	0.6666	3.683	340.000
342.000	272.9836	299.1175	370.0931	3.7466	0.3122	0.5224	345.03	0.2002	255.5	104.61	0.6667	3.663	342.000
344.000	274.4796	299.7733	371.1380	3.7496	0.3122	0.5224	346.04	0.2012	256.7	105.71	0.6665	3.643	344.000
346.000	276.9928	300.4245	372.1826	3.7526	0.3122	0.5224	347.05	0.2021	257.9	106.77	0.6667	3.623	346.000
348.000	277.8387	300.9912	373.2272	3.7556	0.3122	0.5224	348.05	0.2030	259.1	107.96	0.6668	3.599	348.000
350.000	279.3811	301.6327	374.2718	3.7586	0.3122	0.5222	349.06	0.2040	260.3	109.15	0.6663	3.579	350.000
352.000	280.9489	302.2697	375.3164	3.7616	0.3122	0.5222	350.05	0.2049	261.5	110.24	0.6664	3.559	352.000
354.000	282.5343	302.9021	376.3610	3.7644	0.3122	0.5222	351.05	0.2059	262.7	111.41	0.6662	3.539	354.000
356.000	284.1378	303.5295	377.4054	3.7674	0.3122	0.5222	352.04	0.2068	263.9	112.63	0.6664	3.519	356.000
358.000	285.7596	304.1522	378.4497	3.7704	0.3122	0.5222	353.03	0.2077	265.1	113.66	0.6665	3.499	358.000
360.000	287.4000	304.7701	379.4941	3.7732	0.3122	0.5222	354.02	0.2086	266.3	114.81	0.6666	3.479	360.000
362.000	288.7266	305.4697	380.5384	3.7762	0.3122	0.5222	355.00	0.2096	267.5	115.89	0.6664	3.463	362.000
364.000	290.4007	305.9786	381.5828	3.7789	0.3122	0.5222	355.98	0.2105	268.7	117.07	0.6666	3.444	364.000
366.000	292.0954	306.6825	382.6272	3.7819	0.3122	0.5222	356.96	0.2114	269.8	118.25	0.6664	3.424	366.000
368.000	293.8092	307.2869	383.6713	3.7847	0.3122	0.5222	357.94	0.2123	271.0	119.45	0.6666	3.404	368.000
370.000	295.1951	307.9646	384.7154	3.7874	0.3122	0.5222	358.91	0.2132	272.2	120.62	0.6667	3.388	370.000
372.000	296.9468	308.5536	385.7595	3.7904	0.3122	0.5222	359.88	0.2142	273.4	121.81	0.6665	3.368	372.000
374.000	298.3617	309.2296	386.8036	3.7932	0.3122	0.5219	360.85	0.2151	274.5	122.96	0.6661	3.352	374.000
376.000	300.1584	309.8886	387.8477	3.7959	0.3122	0.5219	361.81	0.2160	275.7	124.22	0.6662	3.332	376.000
378.000	301.5969	310.4766	388.8918	3.7987	0.3122	0.5219	362.77	0.2169	276.9	125.34	0.6663	3.316	378.000
380.000	303.3674	311.1467	389.9357	3.8014	0.3122	0.5219	363.73	0.2178	278.0	126.47	0.6662	3.300	380.000
382.000	304.9031	311.7656	390.9798	3.8042	0.3122	0.5219	364.69	0.2187	279.2	127.76	0.6663	3.280	382.000
384.000	306.3959	312.3607	392.0236	3.8069	0.3122	0.5219	365.65	0.2196	280.3	128.92	0.6662	3.264	384.000
386.000	307.9834	313.0126	393.0675	3.8095	0.3122	0.5219	366.60	0.2205	281.5	130.08	0.6663	3.248	386.000
388.000	309.4258	313.6666	394.1113	3.8122	0.3122	0.5219	367.55	0.2214	282.6	131.26	0.6662	3.232	388.000
390.000	310.9633	314.3647	395.1552	3.8150	0.3122	0.5219	368.49	0.2223	283.8	132.45	0.6663	3.216	390.000
392.000	312.9868	314.8433	396.1990	3.8175	0.3122	0.5219	369.44	0.2232	284.9	133.61	0.6662	3.196	392.000
394.000	314.4792	315.4781	397.2426	3.8202	0.3122	0.5219	370.38	0.2241	286.0	135.03	0.6661	3.180	394.000
396.000	316.0675	316.1669	398.2865	3.8230	0.3122	0.5219	371.32	0.2250	287.2	136.25	0.6662	3.164	396.000
398.000	317.6719	316.7354	399.3301	3.8255	0.3122	0.5219	372.26	0.2259	288.3	137.49	0.6661	3.148	398.000
400.000	319.2926	317.3576	400.3737	3.8280	0.3122	0.5219	373.19	0.2267	289.4	138.68	0.6663	3.132	400.000

THERMODYNAMIC PROPERTIES OF ARGON

2.8 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
86.000	0.7135	72.1262	72.3266	1.3415	0.9002	1.3110	603.43	1.3053	2702.6	0.71	2.7143	1401.596	86.000
87.000	0.7166	73.4246	73.6252	1.3585	0.8681	1.2832	611.82	1.2873	2622.4	0.72	2.6140	1395.444	87.000
88.000	0.7198	74.6931	74.8946	1.3710	0.8241	1.2596	617.87	1.2698	2546.2	0.73	2.5258	1389.296	88.000
89.000	0.7230	75.9425	76.1458	1.3851	0.7928	1.2401	623.62	1.2528	2472.9	0.73	2.4479	1383.088	89.000
90.000	0.7263	77.1736	77.3763	1.3988	0.7632	1.2233	628.61	1.2361	2402.8	0.73	2.3788	1376.838	90.000
91.000	0.7296	78.3879	78.5922	1.4123	0.7375	1.2101	632.62	1.2199	2336.3	0.74	2.3165	1370.624	91.000
92.000	0.7330	79.5915	79.7967	1.4256	0.7142	1.1988	635.98	1.2039	2273.6	0.74	2.2610	1364.178	92.000
93.000	0.7365	80.7858	80.9928	1.4384	0.6934	1.1900	638.57	1.1884	2208.4	0.74	2.2115	1357.773	93.000
94.000	0.7400	81.9694	82.1766	1.4511	0.6746	1.1835	640.48	1.1738	2148.4	0.73	2.1677	1351.369	94.000
95.000	0.7436	83.1512	83.3594	1.4637	0.6579	1.1783	641.56	1.1588	2090.6	0.73	2.1272	1344.778	95.000
96.000	0.7473	84.3259	84.5351	1.4759	0.6426	1.1748	642.18	1.1432	2034.8	0.73	2.0918	1338.174	96.000
97.000	0.7510	85.4991	85.7094	1.4882	0.6288	1.1728	641.98	1.1286	1980.8	0.72	2.0583	1331.495	97.000
98.000	0.7549	86.6696	86.8809	1.5002	0.6163	1.1718	641.39	1.1143	1928.8	0.72	2.0283	1324.756	98.000
* 98.150	0.7554	86.8454	87.0569	1.5020	0.6145	1.1718	641.25	1.1121	1921.0	0.72	2.0241	1323.729	98.150
* 98.150	68.0232	220.2371	239.2836	3.0527	0.3665	0.6411	177.89	0.0686	81.9	7.28	0.7654	14.701	98.150
99.000	68.7141	220.5836	239.8235	3.0582	0.3586	0.6363	178.18	0.0696	82.6	7.45	0.7617	14.553	99.000
100.000	69.5735	220.9768	240.4566	3.0645	0.3562	0.6311	179.27	0.0696	83.3	7.67	0.7553	14.373	100.000
101.000	70.4348	221.3632	241.0849	3.0707	0.3548	0.6258	180.42	0.0701	84.1	7.89	0.7508	14.198	101.000
102.000	71.2772	221.7568	241.7085	3.0767	0.3528	0.6211	181.56	0.0706	84.9	8.10	0.7469	14.038	102.000
103.000	72.1191	222.1337	242.3278	3.0826	0.3502	0.6168	182.69	0.0711	85.6	8.31	0.7426	13.866	103.000
104.000	72.9599	222.5125	242.9413	3.0888	0.3485	0.6125	183.81	0.0716	86.4	8.53	0.7392	13.706	104.000
105.000	73.7988	222.8885	243.5521	3.0948	0.3467	0.6085	184.91	0.0722	87.2	8.76	0.7358	13.550	105.000
106.000	74.6126	223.2668	244.1584	3.1003	0.3449	0.6048	186.00	0.0727	88.0	8.97	0.7321	13.403	106.000
107.000	75.4447	223.6389	244.7614	3.1060	0.3434	0.6013	187.08	0.0732	88.8	9.18	0.7294	13.265	107.000
108.000	76.2722	224.0058	245.3612	3.1115	0.3422	0.5980	188.15	0.0738	89.5	9.41	0.7263	13.111	108.000
109.000	77.0944	224.3700	245.9572	3.1171	0.3407	0.5950	189.20	0.0743	90.3	9.63	0.7232	12.971	109.000
110.000	77.9102	224.7361	246.5518	3.1226	0.3394	0.5920	190.25	0.0749	91.1	9.86	0.7201	12.835	110.000
111.000	78.7187	225.0998	247.1418	3.1278	0.3382	0.5893	191.29	0.0754	91.9	10.07	0.7182	12.703	111.000
112.000	79.5441	225.4567	247.7290	3.1331	0.3372	0.5865	192.32	0.0760	92.7	10.31	0.7154	12.572	112.000
113.000	80.3355	225.8284	248.3143	3.1383	0.3359	0.5840	193.33	0.0765	93.4	10.52	0.7130	12.448	113.000
114.000	81.1428	226.1768	248.8968	3.1433	0.3349	0.5818	194.34	0.0771	94.2	10.75	0.7108	12.324	114.000
115.000	81.9664	226.5278	249.4776	3.1486	0.3339	0.5795	195.34	0.0776	95.0	10.98	0.7094	12.200	115.000
116.000	82.7522	226.8852	250.0558	3.1536	0.3332	0.5773	196.34	0.0782	95.8	11.21	0.7072	12.084	116.000
117.000	83.5532	227.2369	250.6318	3.1584	0.3322	0.5752	197.32	0.0787	96.6	11.43	0.7061	11.968	117.000
118.000	84.3699	227.5825	251.2061	3.1634	0.3314	0.5732	198.30	0.0793	97.3	11.67	0.7034	11.853	118.000
119.000	85.1737	227.9297	251.7783	3.1681	0.3307	0.5715	199.26	0.0798	98.1	11.89	0.7025	11.741	119.000
120.000	85.9634	228.2793	252.3498	3.1729	0.3299	0.5697	200.23	0.0804	98.9	12.13	0.7008	11.633	120.000
121.000	86.7378	228.6389	252.9175	3.1776	0.3292	0.5686	201.18	0.0810	99.7	12.37	0.6991	11.529	121.000
122.000	87.5576	228.9688	253.4848	3.1824	0.3284	0.5665	202.13	0.0815	100.5	12.60	0.6986	11.421	122.000
123.000	88.3294	229.3188	254.0502	3.1869	0.3277	0.5650	203.07	0.0821	101.3	12.84	0.6971	11.321	123.000
124.000	89.1155	229.6622	254.6145	3.1914	0.3272	0.5635	204.00	0.0827	102.0	13.08	0.6950	11.221	124.000
125.000	89.9157	230.0013	255.1777	3.1959	0.3264	0.5622	204.93	0.0832	102.8	13.31	0.6947	11.122	125.000
126.000	90.6976	230.3434	255.7387	3.2004	0.3259	0.5607	205.85	0.0838	103.6	13.55	0.6932	11.026	126.000
127.000	91.4932	230.6886	256.2987	3.2049	0.3254	0.5595	206.77	0.0844	104.4	13.80	0.6921	10.930	127.000
128.000	92.2689	231.0224	256.8577	3.2092	0.3249	0.5582	207.67	0.0850	105.2	14.05	0.6909	10.838	128.000

THERMODYNAMIC PROPERTIES OF ARGON

2.8 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
129.000	93.0578	231.3589	257.4151	3.2137	0.3244	0.5572	208.58	0.0855	166.0	14.28	0.6908	10.746	129.000
130.000	93.8251	231.7003	257.9714	3.2179	0.3239	0.5560	209.48	0.0861	166.8	14.53	0.6896	10.668	130.000
131.000	94.6052	232.0376	258.5271	3.2222	0.3234	0.5550	210.37	0.0867	167.5	14.78	0.6881	10.578	131.000
132.000	95.3984	232.3706	259.0815	3.2262	0.3229	0.5540	211.26	0.0873	168.3	15.03	0.6872	10.482	132.000
133.000	96.1688	232.7000	259.6350	3.2304	0.3227	0.5530	212.14	0.0878	169.1	15.27	0.6871	10.398	133.000
134.000	96.9502	233.0414	260.1875	3.2347	0.3222	0.5520	213.01	0.0884	169.9	15.53	0.6862	10.315	134.000
135.000	97.7070	233.3807	260.7387	3.2387	0.3219	0.5512	213.88	0.0890	110.7	15.78	0.6856	10.235	135.000
136.000	98.4758	233.7165	261.2897	3.2427	0.3214	0.5502	214.75	0.0896	111.5	16.04	0.6847	10.155	136.000
137.000	99.2567	234.0475	261.8394	3.2467	0.3212	0.5495	215.61	0.0902	112.2	16.29	0.6835	10.075	137.000
138.000	100.0501	234.3743	262.3883	3.2507	0.3209	0.5487	216.47	0.0907	113.0	16.54	0.6836	9.995	138.000
139.000	100.8157	234.7002	262.9366	3.2547	0.3204	0.5480	217.32	0.0913	113.8	16.80	0.6830	9.919	139.000
140.000	101.5931	235.0377	263.4838	3.2587	0.3202	0.5472	218.17	0.0919	114.6	17.06	0.6824	9.843	140.000
141.000	102.3407	235.3746	264.0300	3.2625	0.3199	0.5465	219.01	0.0925	115.4	17.32	0.6817	9.771	141.000
142.000	103.1419	235.6978	264.5767	3.2665	0.3197	0.5457	219.85	0.0931	116.2	17.58	0.6811	9.695	142.000
143.000	103.9126	236.0264	265.1219	3.2703	0.3194	0.5452	220.69	0.0936	116.9	17.84	0.6809	9.623	143.000
144.000	104.6511	236.3646	265.6669	3.2740	0.3192	0.5445	221.52	0.0942	117.7	18.11	0.6803	9.556	144.000
145.000	105.4446	236.6863	266.2108	3.2778	0.3189	0.5440	222.35	0.0948	118.5	18.38	0.6799	9.484	145.000
146.000	106.2051	237.0168	266.7543	3.2815	0.3187	0.5432	223.17	0.0954	119.3	18.65	0.6793	9.416	146.000
147.000	106.9767	237.3448	267.2975	3.2853	0.3184	0.5427	223.99	0.0960	120.1	18.92	0.6789	9.348	147.000
148.000	107.7132	237.6800	267.8397	3.2888	0.3182	0.5422	224.80	0.0966	120.8	19.19	0.6786	9.284	148.000
149.000	108.5069	237.9997	268.3816	3.2925	0.3179	0.5417	225.61	0.0971	121.6	19.45	0.6784	9.216	149.000
150.000	109.2647	238.3287	268.9228	3.2960	0.3177	0.5412	226.42	0.0977	122.4	19.72	0.6780	9.152	150.000
151.000	110.0332	238.6546	269.4633	3.2998	0.3177	0.5407	227.23	0.0983	123.2	20.00	0.6777	9.088	151.000
152.000	110.8125	238.9765	270.0040	3.3033	0.3174	0.5402	228.03	0.0989	124.0	20.29	0.6773	9.024	152.000
153.000	111.5532	239.3098	270.5439	3.3068	0.3172	0.5397	228.82	0.0995	124.7	20.57	0.6764	8.964	153.000
154.000	112.3039	239.6383	271.0834	3.3103	0.3169	0.5392	229.62	0.1001	125.5	20.85	0.6760	8.904	154.000
155.000	113.0648	239.9642	271.6223	3.3138	0.3169	0.5390	230.41	0.1006	126.3	21.16	0.6766	8.844	155.000
156.000	113.8360	240.2867	272.1606	3.3173	0.3167	0.5384	231.19	0.1012	127.1	21.46	0.6763	8.785	156.000
157.000	114.6179	240.6066	272.6990	3.3206	0.3167	0.5379	231.98	0.1018	127.8	21.69	0.6753	8.725	157.000
158.000	115.3573	240.9366	273.2367	3.3241	0.3164	0.5377	232.76	0.1024	128.6	21.97	0.6753	8.669	158.000
159.000	116.1064	241.2644	273.7742	3.3273	0.3162	0.5372	233.53	0.1030	129.4	22.26	0.6749	8.613	159.000
160.000	116.8653	241.5891	274.3113	3.3308	0.3162	0.5369	234.31	0.1035	130.2	22.53	0.6755	8.557	160.000
161.000	117.6341	241.9105	274.8480	3.3341	0.3159	0.5364	235.08	0.1041	130.9	22.83	0.6746	8.501	161.000
162.000	118.4132	242.2286	275.3842	3.3373	0.3159	0.5362	235.84	0.1047	131.7	23.12	0.6745	8.445	162.000
163.000	119.1459	242.5594	275.9202	3.3408	0.3157	0.5359	236.61	0.1053	132.5	23.41	0.6744	8.393	163.000
164.000	119.8877	242.8874	276.4559	3.3441	0.3157	0.5354	237.37	0.1059	133.2	23.71	0.6735	8.341	164.000
165.000	120.6969	243.1962	276.9913	3.3474	0.3154	0.5352	238.13	0.1064	134.0	24.00	0.6740	8.285	165.000
166.000	121.4582	243.5188	277.5263	3.3504	0.3154	0.5349	238.88	0.1070	134.8	24.29	0.6739	8.233	166.000
167.000	122.1696	243.8535	278.0610	3.3536	0.3154	0.5347	239.64	0.1076	135.6	24.58	0.6738	8.185	167.000
168.000	122.9496	244.1695	278.5954	3.3569	0.3152	0.5344	240.38	0.1082	136.3	24.89	0.6732	8.133	168.000
169.000	123.6786	244.4998	279.1299	3.3601	0.3152	0.5342	241.13	0.1088	137.1	25.19	0.6731	8.085	169.000
170.000	124.4781	244.8297	279.6635	3.3631	0.3149	0.5339	241.88	0.1093	137.8	25.48	0.6732	8.034	170.000
171.000	125.2253	245.1344	280.1976	3.3664	0.3149	0.5337	242.62	0.1099	138.6	25.79	0.6731	7.986	171.000
172.000	125.9816	245.4558	280.7307	3.3694	0.3149	0.5334	243.36	0.1105	139.4	26.10	0.6730	7.938	172.000
173.000	126.7470	245.7747	281.2639	3.3724	0.3147	0.5332	244.09	0.1111	140.1	26.41	0.6724	7.890	173.000

THERMODYNAMIC PROPERTIES OF ARGON

2.8 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
174.000	127.4589	246.1089	281.7968	3.3756	0.3147	0.5329	244.83	0.1117	140.9	26.71	0.6723	7.846	174.000
176.000	128.2405	246.4222	282.3296	3.3786	0.3147	0.5327	245.56	0.1122	141.7	27.01	0.6727	7.798	176.000
176.000	128.9672	246.7511	282.8619	3.3816	0.3144	0.5324	246.29	0.1128	142.4	27.32	0.6722	7.754	176.000
177.000	129.7023	247.0778	283.3944	3.3846	0.3144	0.5322	247.01	0.1134	143.2	27.64	0.6720	7.710	177.000
178.000	130.5138	247.3826	283.9258	3.3877	0.3144	0.5319	247.74	0.1140	143.9	27.97	0.6715	7.662	178.000
179.000	131.2666	247.7034	284.4580	3.3907	0.3142	0.5317	248.46	0.1145	144.7	28.27	0.6719	7.618	179.000
180.000	131.9586	248.0413	284.9897	3.3937	0.3142	0.5317	249.18	0.1151	145.5	28.57	0.6721	7.578	180.000
181.000	132.7282	248.3578	285.5212	3.3964	0.3142	0.5314	249.89	0.1157	146.2	28.90	0.6715	7.534	181.000
182.000	133.5069	248.6784	286.0523	3.3994	0.3142	0.5312	250.61	0.1163	147.0	29.23	0.6714	7.490	182.000
183.000	134.2227	249.0012	286.5836	3.4024	0.3139	0.5309	251.32	0.1168	147.7	29.53	0.6714	7.450	183.000
184.000	135.0191	249.3089	287.1142	3.4052	0.3139	0.5309	252.03	0.1174	148.5	29.86	0.6716	7.406	184.000
185.000	135.7513	249.6348	287.6452	3.4079	0.3139	0.5307	252.73	0.1180	149.2	30.18	0.6710	7.366	185.000
186.000	136.4915	249.9586	288.1756	3.4109	0.3139	0.5304	253.44	0.1186	150.0	30.52	0.6709	7.326	186.000
187.000	137.2398	250.2787	288.7058	3.4137	0.3139	0.5302	254.14	0.1191	150.7	30.83	0.6709	7.287	187.000
188.000	137.9964	250.5978	289.2360	3.4164	0.3137	0.5302	254.84	0.1197	151.5	31.16	0.6710	7.247	188.000
189.000	138.7613	250.9136	289.7662	3.4194	0.3137	0.5299	255.54	0.1203	152.2	31.50	0.6706	7.207	189.000
190.000	139.5348	251.2261	290.2959	3.4222	0.3137	0.5299	256.24	0.1208	153.0	31.81	0.6712	7.167	190.000
191.000	140.3383	251.5591	290.8258	3.4250	0.3137	0.5297	256.93	0.1214	153.7	32.14	0.6706	7.131	191.000
192.000	141.0284	251.8673	291.3552	3.4277	0.3137	0.5294	257.62	0.1220	154.5	32.50	0.6706	7.091	192.000
193.000	141.7471	252.1955	291.8847	3.4305	0.3134	0.5294	258.31	0.1226	155.2	32.82	0.6702	7.055	193.000
194.000	142.4732	252.5216	292.4141	3.4332	0.3134	0.5292	259.00	0.1231	156.0	33.14	0.6706	7.019	194.000
195.000	143.2068	252.8452	292.9431	3.4360	0.3134	0.5292	259.68	0.1237	156.7	33.48	0.6704	6.983	195.000
196.000	144.0387	253.1437	293.4723	3.4385	0.3134	0.5289	260.37	0.1243	157.5	33.85	0.6702	6.943	196.000
197.000	144.7885	253.4627	294.0012	3.4412	0.3134	0.5289	261.05	0.1248	158.2	34.16	0.6705	6.907	197.000
198.000	145.4535	253.8029	294.5299	3.4440	0.3134	0.5287	261.73	0.1254	158.9	34.50	0.6699	6.875	198.000
199.000	146.2181	254.1175	295.0586	3.4465	0.3134	0.5287	262.41	0.1260	159.7	34.85	0.6701	6.839	199.000
200.000	146.9969	254.4296	295.5878	3.4492	0.3132	0.5284	263.08	0.1265	160.4	35.19	0.6700	6.803	200.000
202.000	149.0928	254.9921	296.6479	3.4552	0.3132	0.5282	264.43	0.1277	161.9	36.05	0.6696	6.767	202.000
204.000	150.6178	255.5312	297.7048	3.4605	0.3132	0.5279	265.77	0.1288	163.4	36.75	0.6698	6.639	204.000
206.000	152.0611	256.1772	298.7599	3.4658	0.3132	0.5277	267.10	0.1299	164.8	37.44	0.6695	6.575	206.000
208.000	153.6682	256.7882	299.8152	3.4708	0.3129	0.5277	268.42	0.1310	166.3	38.15	0.6699	6.508	208.000
210.000	155.0968	257.4431	300.8701	3.4758	0.3129	0.5274	269.74	0.1322	167.8	38.87	0.6695	6.448	210.000
212.000	156.6492	258.0638	301.9247	3.4808	0.3129	0.5272	271.05	0.1333	169.2	39.61	0.6692	6.384	212.000
214.000	158.1336	258.7017	302.9791	3.4858	0.3129	0.5269	272.35	0.1344	170.7	40.33	0.6693	6.324	214.000
216.000	159.6468	259.3318	304.0327	3.4905	0.3129	0.5269	273.64	0.1355	172.1	41.05	0.6693	6.264	216.000
218.000	161.0848	259.9827	305.0863	3.4955	0.3129	0.5267	274.93	0.1366	173.6	41.78	0.6693	6.208	218.000
220.000	162.6548	260.5964	306.1397	3.5003	0.3127	0.5264	276.21	0.1377	175.0	42.55	0.6690	6.148	220.000
222.000	164.1478	261.2312	307.1928	3.5051	0.3127	0.5264	277.49	0.1388	176.4	43.28	0.6690	6.092	222.000
224.000	165.6687	261.8586	308.2452	3.5098	0.3127	0.5262	278.76	0.1399	177.9	44.05	0.6691	6.036	224.000
226.000	167.1964	262.5078	309.2976	3.5143	0.3127	0.5262	280.02	0.1410	179.3	44.78	0.6691	5.984	226.000
228.000	168.6829	263.1185	310.3497	3.5191	0.3127	0.5259	281.28	0.1421	180.7	45.58	0.6688	5.928	228.000
230.000	170.1736	263.7529	311.4016	3.5236	0.3127	0.5259	282.53	0.1432	182.1	46.33	0.6688	5.876	230.000
232.000	171.5733	264.4127	312.4532	3.5281	0.3127	0.5257	283.77	0.1443	183.5	47.10	0.6685	5.828	232.000
234.000	173.1158	265.0319	313.5043	3.5326	0.3127	0.5257	285.01	0.1454	185.0	47.88	0.6689	5.776	234.000
236.000	174.5645	265.6776	314.5557	3.5371	0.3124	0.5254	286.25	0.1465	186.4	48.67	0.6685	5.729	236.000

THERMODYNAMIC PROPERTIES OF ARGON

2.8 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
238.000	176.1615	266.2811	315.6663	3.5416	0.3124	0.5254	287.47	0.1476	187.8	49.49	0.6685	5.677	238.000
240.000	177.6618	266.9118	316.6571	3.5459	0.3124	0.5252	288.78	0.1487	189.2	50.30	0.6682	5.629	240.000
242.000	179.0597	267.5788	317.7075	3.5504	0.3124	0.5252	289.91	0.1497	190.6	51.04	0.6687	5.585	242.000
244.000	180.6186	268.1868	318.7576	3.5548	0.3124	0.5252	291.12	0.1508	192.0	51.86	0.6687	5.537	244.000
246.000	182.0649	268.8324	319.8077	3.5589	0.3124	0.5249	292.33	0.1519	193.3	52.68	0.6686	5.493	246.000
248.000	183.6577	269.4334	320.8578	3.5631	0.3124	0.5249	293.53	0.1530	194.7	53.53	0.6686	5.445	248.000
250.000	185.1520	270.0646	321.9072	3.5674	0.3124	0.5249	294.73	0.1540	196.1	54.32	0.6684	5.401	250.000
252.000	186.5316	270.7288	322.9568	3.5716	0.3124	0.5247	295.92	0.1551	197.5	55.14	0.6681	5.361	252.000
254.000	188.0732	271.3457	324.0062	3.5756	0.3124	0.5247	297.10	0.1562	198.8	55.99	0.6678	5.317	254.000
256.000	189.6405	271.9568	325.0553	3.5799	0.3124	0.5244	298.28	0.1572	200.2	56.85	0.6679	5.273	256.000
258.000	191.0881	272.5997	326.1044	3.5839	0.3124	0.5244	299.46	0.1583	201.6	57.68	0.6679	5.233	258.000
260.000	192.5588	273.2378	327.1533	3.5879	0.3124	0.5244	300.63	0.1593	202.9	58.49	0.6680	5.193	260.000
262.000	194.0567	273.8677	328.2019	3.5919	0.3124	0.5244	301.79	0.1604	204.3	59.35	0.6680	5.153	262.000
264.000	195.5667	274.4918	329.2505	3.5959	0.3124	0.5242	302.95	0.1614	205.6	60.22	0.6677	5.113	264.000
266.000	196.9616	275.1525	330.2989	3.5999	0.3124	0.5242	304.11	0.1625	207.0	61.06	0.6677	5.077	266.000
268.000	198.5134	275.7835	331.3472	3.6037	0.3124	0.5242	305.26	0.1635	208.3	61.92	0.6678	5.037	268.000
270.000	199.9484	276.4128	332.3954	3.6077	0.3124	0.5239	306.41	0.1646	209.7	62.81	0.6675	5.001	270.000
272.000	201.5582	277.0991	333.4432	3.6114	0.3124	0.5239	307.55	0.1656	211.0	63.70	0.6676	4.962	272.000
274.000	203.0214	277.6453	334.4913	3.6154	0.3122	0.5239	308.69	0.1666	212.4	64.58	0.6680	4.926	274.000
276.000	204.5142	278.2758	335.5389	3.6192	0.3122	0.5239	309.82	0.1677	213.7	65.46	0.6676	4.890	276.000
278.000	206.0292	278.8984	336.5865	3.6230	0.3122	0.5239	310.95	0.1687	215.0	66.34	0.6677	4.854	278.000
280.000	207.3947	279.5636	337.6342	3.6267	0.3122	0.5237	312.08	0.1697	216.3	67.21	0.6675	4.822	280.000
282.000	208.9528	280.1747	338.6815	3.6305	0.3122	0.5237	313.20	0.1708	217.6	68.15	0.6672	4.786	282.000
284.000	210.3575	280.8288	339.7289	3.6343	0.3122	0.5237	314.32	0.1718	219.0	69.01	0.6676	4.754	284.000
286.000	211.9066	281.4273	340.7762	3.6377	0.3122	0.5237	315.43	0.1728	220.3	69.94	0.6676	4.718	286.000
288.000	213.4062	282.0696	341.8234	3.6415	0.3122	0.5234	316.54	0.1738	221.6	70.86	0.6674	4.686	288.000
290.000	214.8716	282.7062	342.8702	3.6452	0.3122	0.5234	317.64	0.1748	222.9	71.76	0.6675	4.654	290.000
292.000	216.3573	283.3378	343.9171	3.6485	0.3122	0.5234	318.74	0.1758	224.2	72.67	0.6675	4.622	292.000
294.000	217.8037	283.9621	344.9639	3.6522	0.3122	0.5234	319.84	0.1768	225.5	73.59	0.6676	4.590	294.000
296.000	219.3913	284.5812	346.0106	3.6559	0.3122	0.5234	320.93	0.1779	226.8	74.57	0.6673	4.558	296.000
298.000	220.9484	285.1941	347.0574	3.6593	0.3122	0.5234	322.02	0.1789	228.1	75.51	0.6674	4.526	298.000
300.000	222.3139	285.8561	348.1040	3.6628	0.3122	0.5232	323.11	0.1799	229.3	76.44	0.6668	4.498	300.000
302.000	223.9047	286.4571	349.1504	3.6663	0.3122	0.5232	324.19	0.1809	230.6	77.42	0.6669	4.466	302.000
304.000	225.3154	287.1084	350.1967	3.6696	0.3122	0.5232	325.27	0.1819	231.9	78.34	0.6670	4.438	304.000
306.000	226.7448	287.7548	351.2431	3.6730	0.3122	0.5232	326.34	0.1828	233.2	79.22	0.6674	4.410	306.000
308.000	228.1989	288.3958	352.2892	3.6765	0.3122	0.5232	327.41	0.1838	234.4	80.17	0.6672	4.382	308.000
310.000	229.8672	288.9725	353.3353	3.6798	0.3122	0.5232	328.48	0.1848	235.7	81.19	0.6673	4.350	310.000
312.000	231.3544	289.6022	354.3814	3.6833	0.3122	0.5229	329.54	0.1858	237.0	82.20	0.6670	4.322	312.000
314.000	232.8444	290.2871	355.4276	3.6865	0.3122	0.5229	330.60	0.1868	238.2	83.10	0.6668	4.298	314.000
316.000	234.1678	290.9064	356.4734	3.6898	0.3122	0.5229	331.65	0.1878	239.5	84.10	0.6669	4.270	316.000
318.000	235.7113	291.5281	357.5193	3.6931	0.3122	0.5229	332.71	0.1887	240.7	85.06	0.6670	4.242	318.000
320.000	237.2753	292.1281	358.5651	3.6963	0.3122	0.5229	333.76	0.1897	242.0	86.07	0.6671	4.216	320.000
322.000	238.6324	292.7937	359.6107	3.6996	0.3122	0.5229	334.80	0.1907	243.2	87.02	0.6669	4.191	322.000
324.000	240.2355	293.3984	360.6563	3.7028	0.3122	0.5229	335.84	0.1917	244.5	88.07	0.6670	4.163	324.000
326.000	241.6269	294.0464	361.7019	3.7061	0.3122	0.5227	336.88	0.1926	245.7	89.04	0.6668	4.139	326.000

THERMODYNAMIC PROPERTIES OF ARGON

2.8 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
328.000	243.0344	294.6979	362.7478	3.7093	0.3122	0.5227	337.92	0.1936	247.0	90.02	0.6668	4.115	328.000
330.000	244.6974	295.2776	363.7929	3.7123	0.3122	0.5227	338.95	0.1946	248.2	91.10	0.6666	4.087	330.000
332.000	246.1410	295.9188	364.8383	3.7156	0.3122	0.5227	339.98	0.1955	249.4	92.07	0.6668	4.063	332.000
334.000	247.6018	296.5551	365.8836	3.7189	0.3122	0.5227	341.01	0.1965	250.7	93.09	0.6668	4.039	334.000
336.000	249.0000	297.1868	366.9290	3.7218	0.3122	0.5227	342.03	0.1974	251.9	94.07	0.6670	4.015	336.000
338.000	250.5760	297.8128	367.9741	3.7248	0.3122	0.5227	343.05	0.1984	253.1	95.11	0.6668	3.991	338.000
340.000	252.0981	298.4348	369.0192	3.7281	0.3122	0.5227	344.07	0.1993	254.3	96.12	0.6669	3.967	340.000
342.000	253.6225	299.0566	370.0643	3.7311	0.3122	0.5224	345.08	0.2003	255.5	97.24	0.6664	3.943	342.000
344.000	254.9139	299.7330	371.1094	3.7341	0.3122	0.5224	346.09	0.2012	256.7	98.17	0.6665	3.923	344.000
346.000	256.4818	300.3399	372.1545	3.7371	0.3122	0.5224	347.10	0.2022	258.0	99.27	0.6666	3.899	346.000
348.000	258.0674	300.9485	373.1994	3.7401	0.3122	0.5224	348.10	0.2031	259.2	100.33	0.6667	3.876	348.000
350.000	259.4846	301.6189	374.2442	3.7431	0.3122	0.5224	349.10	0.2041	260.4	101.34	0.6665	3.855	350.000
352.000	261.0276	302.2814	375.2891	3.7461	0.3122	0.5224	350.10	0.2050	261.6	102.43	0.6667	3.831	352.000
354.000	262.3956	302.9632	376.3340	3.7491	0.3122	0.5224	351.10	0.2059	262.8	103.42	0.6668	3.811	354.000
356.000	263.7781	303.5287	377.3786	3.7519	0.3122	0.5224	352.09	0.2069	264.0	104.47	0.6666	3.791	356.000
358.000	265.4585	304.0956	378.4234	3.7549	0.3122	0.5224	353.08	0.2078	265.1	105.59	0.6665	3.767	358.000
360.000	266.8715	304.7448	379.4680	3.7579	0.3122	0.5224	354.07	0.2087	266.3	106.61	0.6666	3.747	360.000
362.000	268.3816	305.3882	380.5126	3.7606	0.3122	0.5222	355.05	0.2096	267.5	107.69	0.6664	3.727	362.000
364.000	269.7472	306.0286	381.5573	3.7636	0.3122	0.5222	356.03	0.2106	268.7	108.79	0.6662	3.707	364.000
366.000	271.2985	306.6635	382.6019	3.7664	0.3122	0.5222	357.01	0.2115	269.9	109.85	0.6664	3.687	366.000
368.000	272.6857	307.2943	383.6462	3.7692	0.3122	0.5222	357.99	0.2124	271.0	110.92	0.6662	3.667	368.000
370.000	274.1796	307.9287	384.6906	3.7722	0.3122	0.5222	358.96	0.2133	272.2	112.00	0.6664	3.647	370.000
372.000	275.6888	308.5423	385.7352	3.7749	0.3122	0.5222	359.93	0.2142	273.4	113.09	0.6665	3.627	372.000
374.000	277.2163	309.1593	386.7796	3.7777	0.3122	0.5222	360.90	0.2151	274.6	114.19	0.6666	3.607	374.000
376.000	278.7588	309.7716	387.8239	3.7804	0.3122	0.5222	361.86	0.2160	275.7	115.31	0.6665	3.587	376.000
378.000	280.0661	310.4663	388.8680	3.7832	0.3122	0.5222	362.83	0.2170	276.9	116.36	0.6663	3.571	378.000
380.000	281.5909	311.0697	389.9124	3.7859	0.3122	0.5222	363.79	0.2179	278.0	117.50	0.6662	3.551	380.000
382.000	283.1736	311.6679	390.9565	3.7887	0.3122	0.5222	364.74	0.2188	279.2	118.65	0.6663	3.531	382.000
384.000	284.4587	312.3519	392.0009	3.7914	0.3122	0.5222	365.70	0.2197	280.3	119.68	0.6662	3.515	384.000
386.000	286.0062	312.9486	393.0450	3.7942	0.3122	0.5222	366.65	0.2206	281.5	120.86	0.6663	3.495	386.000
388.000	287.4000	313.6176	394.0891	3.7967	0.3122	0.5219	367.60	0.2215	282.6	121.97	0.6659	3.479	388.000
390.000	289.0594	314.1965	395.1331	3.7994	0.3122	0.5219	368.55	0.2224	283.8	123.17	0.6660	3.459	390.000
392.000	290.4667	314.8648	396.1770	3.8022	0.3122	0.5219	369.49	0.2232	284.9	124.19	0.6662	3.444	392.000
394.000	292.0958	315.4345	397.2211	3.8047	0.3122	0.5219	370.43	0.2241	286.1	125.42	0.6663	3.424	394.000
396.000	293.4648	316.0948	398.2650	3.8074	0.3122	0.5219	371.37	0.2250	287.2	126.51	0.6662	3.408	396.000
398.000	294.8474	316.7516	399.3088	3.8100	0.3122	0.5219	372.31	0.2259	288.3	127.62	0.6661	3.392	398.000
400.000	296.2431	317.4046	400.3527	3.8127	0.3122	0.5219	373.25	0.2268	289.5	128.73	0.6662	3.376	400.000

THERMODYNAMIC PROPERTIES OF ARGON

3.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
86.000	0.7134	72.1208	72.3348	1.3415	0.8997	1.3187	603.99	1.3055	2703.4	0.71	2.7142	1401.683	86.000
87.000	0.7166	73.4198	73.6348	1.3565	0.8696	1.2829	611.61	1.2875	2623.2	0.72	2.6139	1395.531	87.000
88.000	0.7198	74.6887	74.9046	1.3710	0.8236	1.2596	618.29	1.2700	2546.7	0.73	2.5259	1389.360	88.000
89.000	0.7230	75.9376	76.1545	1.3851	0.7915	1.2399	624.17	1.2529	2473.6	0.73	2.4479	1383.168	89.000
90.000	0.7263	77.1677	77.3856	1.3988	0.7627	1.2233	629.05	1.2363	2403.4	0.73	2.3782	1376.912	90.000
91.000	0.7296	78.3823	78.6012	1.4123	0.7370	1.2098	633.14	1.2200	2336.0	0.74	2.3165	1370.612	91.000
92.000	0.7330	79.5853	79.8052	1.4254	0.7139	1.1988	636.42	1.2041	2271.3	0.74	2.2613	1364.268	92.000
93.000	0.7365	80.7801	81.0011	1.4384	0.6932	1.1900	638.94	1.1885	2208.9	0.74	2.2118	1357.849	93.000
94.000	0.7400	81.9648	82.1868	1.4511	0.6744	1.1833	640.84	1.1732	2149.0	0.73	2.1675	1351.393	94.000
95.000	0.7436	83.1441	83.3671	1.4637	0.6574	1.1783	641.99	1.1582	2091.2	0.73	2.1275	1344.857	95.000
96.000	0.7472	84.3177	84.5419	1.4759	0.6421	1.1748	642.57	1.1434	2035.4	0.73	2.0913	1338.274	96.000
97.000	0.7510	85.4914	85.7167	1.4879	0.6283	1.1725	642.44	1.1288	1981.4	0.72	2.0582	1331.591	97.000
98.000	0.7548	86.6615	86.8879	1.4999	0.6161	1.1715	641.83	1.1144	1929.3	0.72	2.0282	1324.848	98.000
* 98.996	0.7587	87.8279	88.0555	1.5120	0.6048	1.1718	640.68	1.1003	1879.1	0.71	2.0012	1318.052	98.996
* 98.996	63.8697	229.3459	239.4888	3.6415	0.3622	0.6468	177.52	0.0695	82.7	6.86	0.7697	15.672	98.996
99.000	0.7587	87.8336	88.0612	1.5120	0.6045	1.1718	640.62	1.1002	1878.9	0.71	2.0011	1318.028	99.000
100.000	64.6661	229.7531	240.1332	3.6486	0.3597	0.6468	178.72	0.0700	83.4	7.06	0.7635	15.488	100.000
101.000	65.3933	221.1533	240.7712	3.6542	0.3575	0.6353	179.89	0.0705	84.2	7.26	0.7588	15.292	101.000
102.000	66.2861	221.5425	241.4643	3.6605	0.3552	0.6301	181.05	0.0710	85.0	7.46	0.7543	15.104	102.000
103.000	66.9857	221.9354	242.0311	3.6665	0.3532	0.6253	182.19	0.0715	85.8	7.66	0.7504	14.929	103.000
104.000	67.7838	222.3188	242.6539	3.6725	0.3512	0.6206	183.33	0.0720	86.5	7.86	0.7465	14.763	104.000
105.000	68.5635	222.7832	243.2722	3.6785	0.3495	0.6163	184.45	0.0726	87.3	8.08	0.7411	14.585	105.000
106.000	69.3614	223.0781	243.8866	3.6843	0.3477	0.6123	185.55	0.0731	88.1	8.28	0.7379	14.417	106.000
107.000	70.1388	223.4544	244.4961	3.6900	0.3459	0.6083	186.65	0.0736	88.9	8.49	0.7347	14.257	107.000
108.000	70.9137	223.8298	245.1031	3.6955	0.3444	0.6048	187.73	0.0741	89.6	8.69	0.7313	14.102	108.000
109.000	71.6854	224.1998	245.7054	3.7013	0.3429	0.6013	188.80	0.0747	90.4	8.91	0.7277	13.950	109.000
110.000	72.4531	224.5698	246.3049	3.7065	0.3417	0.5980	189.86	0.0752	91.2	9.11	0.7253	13.802	110.000
111.000	73.2168	224.9367	246.9015	3.7120	0.3404	0.5950	190.91	0.0758	92.0	9.33	0.7222	13.658	111.000
112.000	73.9732	225.3036	247.4958	3.7173	0.3392	0.5920	191.95	0.0763	92.8	9.53	0.7200	13.518	112.000
113.000	74.7463	225.6616	248.0855	3.7226	0.3379	0.5893	192.98	0.0768	93.5	9.74	0.7174	13.379	113.000
114.000	75.5136	226.0196	248.6735	3.7278	0.3367	0.5868	194.00	0.0774	94.3	9.96	0.7149	13.243	114.000
115.000	76.2496	226.3846	249.2593	3.7328	0.3357	0.5843	195.01	0.0779	95.1	10.17	0.7133	13.115	115.000
116.000	77.0232	226.7351	249.8428	3.7378	0.3347	0.5820	196.01	0.0785	95.9	10.39	0.7110	12.983	116.000
117.000	77.7656	227.0936	250.4225	3.7428	0.3337	0.5798	197.00	0.0790	96.7	10.60	0.7096	12.859	117.000
118.000	78.5211	227.4449	251.0013	3.7478	0.3329	0.5778	197.99	0.0796	97.4	10.82	0.7069	12.735	118.000
119.000	79.2671	227.7974	251.5775	3.7528	0.3319	0.5757	198.97	0.0802	98.2	11.04	0.7050	12.616	119.000
120.000	80.0017	228.1528	252.1525	3.7574	0.3312	0.5737	199.94	0.0807	99.0	11.25	0.7039	12.500	120.000
121.000	80.7561	228.5005	252.7255	3.7621	0.3304	0.5720	200.90	0.0813	99.8	11.48	0.7022	12.384	121.000
122.000	81.5127	228.8428	253.2958	3.7669	0.3297	0.5702	201.85	0.0818	100.6	11.69	0.7013	12.268	122.000
123.000	82.2357	229.1948	253.8655	3.7716	0.3289	0.5685	202.80	0.0824	101.4	11.92	0.6996	12.160	123.000
124.000	82.9716	229.5416	254.4338	3.7761	0.3282	0.5670	203.74	0.0830	102.1	12.15	0.6975	12.052	124.000
125.000	83.7209	229.8827	254.9996	3.7806	0.3277	0.5655	204.68	0.0835	102.9	12.36	0.6969	11.944	125.000
126.000	84.4553	230.2274	255.5648	3.7851	0.3269	0.5640	205.61	0.0841	103.7	12.59	0.6954	11.841	126.000
127.000	85.2027	230.5661	256.1278	3.7896	0.3264	0.5627	206.53	0.0847	104.5	12.82	0.6943	11.737	127.000
128.000	85.9339	230.9098	256.6892	3.7939	0.3259	0.5612	207.45	0.0852	105.3	13.05	0.6936	11.637	128.000

THERMODYNAMIC PROPERTIES OF ARGON

3.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
129.000	86.6778	231.2463	257.2497	3.1984	0.3254	0.5600	208.36	0.0858	106.1	13.28	0.6925	11.537	129.000
130.000	87.4041	231.5877	257.6089	3.2027	0.3249	0.5590	209.26	0.0864	106.8	13.51	0.6916	11.441	130.000
131.000	88.1428	231.9243	258.3671	3.2069	0.3244	0.5577	210.16	0.0870	107.6	13.75	0.6898	11.345	131.000
132.000	88.8624	232.2656	258.9243	3.2112	0.3239	0.5565	211.05	0.0875	108.4	13.97	0.6894	11.253	132.000
133.000	89.5939	232.6019	259.4801	3.2154	0.3234	0.5555	211.94	0.0881	109.2	14.21	0.6885	11.161	133.000
134.000	90.3058	232.9438	260.0353	3.2194	0.3229	0.5545	212.82	0.0887	110.0	14.45	0.6876	11.074	134.000
135.000	91.0606	233.2798	260.5899	3.2237	0.3227	0.5535	213.70	0.0893	110.8	14.69	0.6867	10.992	135.000
136.000	91.7615	233.6138	261.1422	3.2277	0.3222	0.5527	214.57	0.0898	111.5	14.91	0.6863	10.898	136.000
137.000	92.5076	233.9417	261.6939	3.2317	0.3219	0.5517	215.44	0.0904	112.3	15.16	0.6854	10.810	137.000
138.000	93.2311	234.2764	262.2457	3.2357	0.3214	0.5510	216.30	0.0910	113.1	15.40	0.6848	10.726	138.000
139.000	93.9367	234.6166	262.7959	3.2397	0.3212	0.5500	217.15	0.0916	113.9	15.64	0.6839	10.646	139.000
140.000	94.6768	234.9423	263.3453	3.2437	0.3209	0.5492	218.01	0.0921	114.7	15.88	0.6848	10.562	140.000
141.000	95.3964	235.2745	263.8948	3.2475	0.3204	0.5485	218.86	0.0927	115.5	16.12	0.6834	10.482	141.000
142.000	96.0942	235.6142	264.4425	3.2515	0.3202	0.5477	219.70	0.0933	116.2	16.37	0.6821	10.406	142.000
143.000	96.8377	235.9382	264.9895	3.2552	0.3199	0.5470	220.54	0.0939	117.0	16.62	0.6815	10.327	143.000
144.000	97.5547	236.2697	265.5362	3.2590	0.3197	0.5462	221.37	0.0945	117.8	16.88	0.6809	10.251	144.000
145.000	98.2825	236.5972	266.0819	3.2627	0.3194	0.5457	222.20	0.0950	118.6	17.11	0.6813	10.176	145.000
146.000	98.9826	236.9328	266.6273	3.2665	0.3192	0.5450	223.03	0.0956	119.4	17.36	0.6806	10.103	146.000
147.000	99.6915	237.2644	267.1718	3.2703	0.3189	0.5445	223.85	0.0962	120.1	17.61	0.6797	10.031	147.000
148.000	100.4113	237.5928	267.7160	3.2740	0.3187	0.5440	224.67	0.0968	120.9	17.87	0.6794	9.959	148.000
149.000	101.1416	237.9173	268.2597	3.2775	0.3184	0.5432	225.49	0.0974	121.7	18.14	0.6787	9.887	149.000
150.000	101.8411	238.2501	268.8024	3.2813	0.3182	0.5427	226.30	0.0979	122.5	18.37	0.6791	9.819	150.000
151.000	102.5924	238.5672	269.3449	3.2848	0.3179	0.5422	227.11	0.0985	123.3	18.64	0.6787	9.747	151.000
152.000	103.2696	238.9066	269.8868	3.2883	0.3177	0.5417	227.91	0.0991	124.0	18.89	0.6778	9.683	152.000
153.000	103.9969	239.2281	270.4278	3.2920	0.3177	0.5412	228.71	0.0997	124.8	19.16	0.6775	9.615	153.000
154.000	104.7387	239.5474	270.9690	3.2955	0.3174	0.5407	229.51	0.1003	125.6	19.43	0.6771	9.548	154.000
155.000	105.4446	239.8761	271.5094	3.2990	0.3172	0.5402	230.30	0.1008	126.4	19.68	0.6774	9.484	155.000
156.000	106.1681	240.2014	272.0494	3.3023	0.3169	0.5397	231.09	0.1014	127.1	19.95	0.6765	9.420	156.000
157.000	106.8397	240.5369	272.5888	3.3058	0.3169	0.5396	231.87	0.1020	127.9	20.20	0.6764	9.368	157.000
158.000	107.5743	240.8553	273.1276	3.3093	0.3167	0.5390	232.66	0.1026	128.7	20.48	0.6761	9.296	158.000
159.000	108.2722	241.1849	273.6665	3.3126	0.3167	0.5384	233.44	0.1032	129.5	20.75	0.6757	9.236	159.000
160.000	108.9793	241.5112	274.2050	3.3161	0.3164	0.5382	234.21	0.1037	130.2	21.00	0.6757	9.176	160.000
161.000	109.6956	241.8342	274.7429	3.3193	0.3162	0.5377	234.98	0.1043	131.0	21.28	0.6753	9.116	161.000
162.000	110.4215	242.1539	275.2804	3.3226	0.3162	0.5374	235.75	0.1049	131.8	21.55	0.6753	9.056	162.000
163.000	111.1576	242.4853	275.8176	3.3261	0.3159	0.5369	236.52	0.1055	132.5	21.83	0.6744	9.000	163.000
164.000	111.8523	242.7988	276.3545	3.3293	0.3159	0.5367	237.29	0.1061	133.3	22.11	0.6743	8.940	164.000
165.000	112.5564	243.1248	276.8910	3.3326	0.3157	0.5364	238.05	0.1066	134.1	22.37	0.6748	8.884	165.000
166.000	113.2694	243.4463	277.4272	3.3358	0.3157	0.5359	238.80	0.1072	134.8	22.66	0.6739	8.829	166.000
167.000	113.9397	243.7669	277.9628	3.3388	0.3154	0.5357	239.56	0.1078	135.6	22.93	0.6738	8.777	167.000
168.000	114.6704	244.0974	278.4985	3.3421	0.3154	0.5354	240.31	0.1084	136.4	23.21	0.6738	8.721	168.000
169.000	115.3573	244.4265	279.0337	3.3453	0.3154	0.5352	241.06	0.1089	137.1	23.47	0.6738	8.669	169.000
170.000	116.0526	244.7529	279.5687	3.3484	0.3152	0.5349	241.81	0.1095	137.9	23.76	0.6737	8.617	170.000
171.000	116.7563	245.0766	280.1034	3.3516	0.3152	0.5347	242.55	0.1101	138.7	24.04	0.6736	8.565	171.000
172.000	117.4685	245.3973	280.6378	3.3546	0.3149	0.5342	243.29	0.1107	139.4	24.34	0.6727	8.513	172.000
173.000	118.1896	245.7151	281.1720	3.3579	0.3149	0.5339	244.03	0.1113	140.2	24.64	0.6726	8.461	173.000

THERMODYNAMIC PROPERTIES OF ARGON

3.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
174.000	118.9194	246.0299	281.7057	3.3609	0.3149	0.5337	244.76	0.1118	141.0	24.91	0.6731	8.409	174.000
176.000	119.8813	246.3598	282.2394	3.3639	0.3147	0.5334	245.60	0.1124	141.7	25.20	0.6726	8.361	176.000
176.000	120.2969	246.6855	282.7728	3.3669	0.3147	0.5332	246.23	0.1130	142.5	25.49	0.6724	8.313	176.000
177.000	120.9886	247.0098	283.3055	3.3699	0.3147	0.5332	246.96	0.1136	143.2	25.78	0.6721	8.265	177.000
178.000	121.6944	247.3364	283.8387	3.3729	0.3144	0.5329	247.68	0.1141	144.0	26.06	0.6726	8.217	178.000
179.000	122.4085	247.6489	284.3714	3.3759	0.3144	0.5327	248.40	0.1147	144.8	26.36	0.6726	8.169	179.000
180.000	123.1311	247.9646	284.9039	3.3789	0.3144	0.5324	249.12	0.1153	145.5	26.66	0.6719	8.121	180.000
181.000	123.8622	248.2774	285.4360	3.3819	0.3144	0.5322	249.84	0.1159	146.3	26.97	0.6718	8.073	181.000
182.000	124.5400	248.6063	285.9683	3.3848	0.3142	0.5319	250.56	0.1164	147.0	27.25	0.6718	8.030	182.000
183.000	125.2263	248.9326	286.5002	3.3877	0.3142	0.5317	251.27	0.1170	147.8	27.56	0.6717	7.986	183.000
184.000	125.9182	249.2561	287.0316	3.3907	0.3142	0.5317	251.98	0.1176	148.5	27.85	0.6714	7.942	184.000
185.000	126.6188	249.5777	287.5633	3.3934	0.3142	0.5314	252.69	0.1181	149.3	28.14	0.6718	7.898	185.000
186.000	127.3273	249.8963	288.0945	3.3964	0.3139	0.5312	253.40	0.1187	150.0	28.45	0.6713	7.854	186.000
187.000	128.0437	250.2123	288.6255	3.3992	0.3139	0.5309	254.10	0.1193	150.8	28.77	0.6711	7.810	187.000
188.000	128.7682	250.5259	289.1564	3.4019	0.3139	0.5309	254.80	0.1199	151.5	29.08	0.6709	7.766	188.000
189.000	129.4348	250.8571	289.6873	3.4047	0.3139	0.5307	255.50	0.1204	152.3	29.37	0.6713	7.726	189.000
190.000	130.1744	251.1655	290.2178	3.4077	0.3137	0.5304	256.20	0.1210	153.0	29.69	0.6707	7.682	190.000
191.000	130.8549	251.4917	290.7482	3.4104	0.3137	0.5304	256.90	0.1216	153.8	30.00	0.6709	7.642	191.000
192.000	131.5426	251.8157	291.2784	3.4132	0.3137	0.5302	257.59	0.1221	154.5	30.29	0.6709	7.602	192.000
193.000	132.2374	252.1374	291.8086	3.4159	0.3137	0.5302	258.28	0.1227	155.3	30.60	0.6711	7.562	193.000
194.000	132.9397	252.4566	292.3385	3.4187	0.3137	0.5299	258.97	0.1233	156.0	30.93	0.6705	7.522	194.000
195.000	133.6495	252.7736	292.8685	3.4212	0.3137	0.5297	259.66	0.1238	156.8	31.24	0.6709	7.482	195.000
196.000	134.3669	253.0881	293.3982	3.4240	0.3134	0.5297	260.34	0.1244	157.5	31.56	0.6706	7.442	196.000
197.000	135.0920	253.4000	293.9276	3.4267	0.3134	0.5294	261.02	0.1250	158.3	31.90	0.6705	7.402	197.000
198.000	135.7613	253.7316	294.4570	3.4295	0.3134	0.5294	261.70	0.1255	159.0	32.18	0.6708	7.366	198.000
199.000	136.4915	254.0388	294.9862	3.4320	0.3134	0.5292	262.38	0.1261	159.7	32.52	0.6702	7.326	199.000
200.000	137.1646	254.3658	295.5152	3.4347	0.3134	0.5292	263.06	0.1267	160.5	32.84	0.6704	7.291	200.000
202.000	138.8697	254.8564	296.5773	3.4407	0.3132	0.5289	264.41	0.1278	161.9	33.60	0.6701	7.191	202.000
204.000	140.4744	255.4923	297.6347	3.4466	0.3132	0.5287	265.75	0.1289	163.4	34.25	0.6702	7.119	204.000
206.000	141.9978	256.1192	298.6915	3.4518	0.3132	0.5284	267.08	0.1300	164.9	34.91	0.6703	7.047	206.000
208.000	143.2887	256.7615	299.7482	3.4562	0.3132	0.5282	268.41	0.1312	166.3	35.59	0.6695	6.979	208.000
210.000	144.6968	257.3958	300.8048	3.4612	0.3129	0.5279	269.72	0.1323	167.8	36.26	0.6696	6.911	210.000
212.000	146.1328	258.0198	301.8596	3.4663	0.3129	0.5277	271.04	0.1334	169.3	36.94	0.6697	6.843	212.000
214.000	147.5186	258.6618	302.9156	3.4713	0.3129	0.5274	272.34	0.1345	170.7	37.62	0.6694	6.779	214.000
216.000	148.9148	259.2955	303.9699	3.4760	0.3129	0.5274	273.64	0.1356	172.2	38.28	0.6698	6.715	216.000
218.000	150.3456	259.9286	305.0243	3.4810	0.3129	0.5272	274.93	0.1367	173.6	38.98	0.6695	6.651	218.000
220.000	151.7124	260.5647	306.0784	3.4858	0.3129	0.5269	276.21	0.1378	175.0	39.67	0.6692	6.591	220.000
222.000	153.1842	261.2016	307.1323	3.4905	0.3127	0.5269	277.49	0.1389	176.5	40.36	0.6696	6.531	222.000
224.000	154.5219	261.8293	308.1859	3.4953	0.3127	0.5267	278.76	0.1401	177.9	41.10	0.6688	6.472	224.000
226.000	155.9668	262.4492	309.2396	3.4998	0.3127	0.5264	280.02	0.1412	179.3	41.83	0.6685	6.412	226.000
228.000	157.3384	263.0903	310.2919	3.5046	0.3127	0.5264	281.28	0.1422	180.8	42.56	0.6693	6.356	228.000
230.000	158.7352	263.7242	311.3447	3.5091	0.3127	0.5262	282.53	0.1433	182.2	43.23	0.6690	6.300	230.000
232.000	160.1576	264.3568	312.3971	3.5136	0.3127	0.5262	283.78	0.1444	183.6	43.96	0.6690	6.244	232.000
234.000	161.5863	264.9991	313.4492	3.5181	0.3127	0.5259	285.02	0.1455	185.0	44.68	0.6687	6.192	234.000
236.000	162.9723	265.6891	314.5008	3.5226	0.3127	0.5259	286.26	0.1466	186.4	45.43	0.6687	6.136	236.000

THERMODYNAMIC PROPERTIES OF ARGON

3.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
238.000	164.3634	266.2487	315.5527	3.5271	0.3124	0.5257	287.48	0.1477	187.8	46.18	0.6684	6.084	238.000
240.000	165.7784	266.8705	316.6641	3.5313	0.3124	0.5257	288.71	0.1488	189.2	46.93	0.6684	6.032	240.000
242.000	167.1864	267.5233	317.6552	3.5358	0.3124	0.5254	289.93	0.1499	190.6	47.67	0.6681	5.984	242.000
244.000	168.5893	268.1858	318.7061	3.5401	0.3124	0.5254	291.14	0.1509	192.0	48.41	0.6685	5.932	244.000
246.000	169.9426	268.7741	319.7589	3.5444	0.3124	0.5254	292.35	0.1520	193.4	49.16	0.6685	5.884	246.000
248.000	171.3384	269.4058	320.8073	3.5486	0.3124	0.5252	293.55	0.1531	194.8	49.95	0.6682	5.838	248.000
250.000	172.7574	270.0305	321.8577	3.5529	0.3124	0.5252	294.74	0.1541	196.1	50.69	0.6683	5.788	250.000
252.000	174.0789	270.6841	322.9077	3.5571	0.3124	0.5249	295.93	0.1552	197.5	51.47	0.6680	5.745	252.000
254.000	175.5438	271.2947	323.9579	3.5611	0.3124	0.5249	297.12	0.1563	198.9	52.27	0.6680	5.697	254.000
256.000	176.9084	271.9352	325.0078	3.5654	0.3124	0.5249	298.30	0.1573	200.3	53.01	0.6684	5.653	256.000
258.000	178.2945	272.5688	326.0571	3.5694	0.3124	0.5247	299.48	0.1584	201.6	53.83	0.6678	5.609	258.000
260.000	179.7024	273.1966	327.1067	3.5734	0.3124	0.5247	300.65	0.1594	203.0	54.59	0.6682	5.565	260.000
262.000	181.1327	273.8163	328.1561	3.5774	0.3124	0.5247	301.82	0.1605	204.3	55.41	0.6679	5.521	262.000
264.000	182.4529	274.4691	329.2050	3.5814	0.3124	0.5244	302.98	0.1615	205.7	56.19	0.6680	5.481	264.000
266.000	183.9276	275.0758	330.2541	3.5854	0.3124	0.5244	304.14	0.1626	207.0	57.03	0.6676	5.437	266.000
268.000	185.2896	275.7162	331.3029	3.5894	0.3124	0.5244	305.29	0.1636	208.4	57.80	0.6680	5.397	268.000
270.000	186.6787	276.3583	332.3516	3.5932	0.3124	0.5244	306.44	0.1647	209.7	58.62	0.6677	5.357	270.000
272.000	188.0732	276.9782	333.4001	3.5969	0.3124	0.5242	307.58	0.1657	211.1	59.45	0.6678	5.317	272.000
274.000	189.4969	277.5994	334.4485	3.6009	0.3122	0.5242	308.72	0.1667	212.4	60.26	0.6679	5.277	274.000
276.000	190.7968	278.2578	335.4969	3.6047	0.3122	0.5242	309.85	0.1678	213.7	61.06	0.6676	5.241	276.000
278.000	192.2622	278.8663	336.5450	3.6084	0.3122	0.5242	310.98	0.1688	215.0	61.91	0.6676	5.201	278.000
280.000	193.6805	279.5138	337.5931	3.6122	0.3122	0.5239	312.11	0.1698	216.4	62.74	0.6677	5.165	280.000
282.000	194.9575	280.1537	338.6410	3.6160	0.3122	0.5239	313.23	0.1708	217.7	63.56	0.6678	5.129	282.000
284.000	196.3337	280.7887	339.6888	3.6197	0.3122	0.5239	314.35	0.1719	219.0	64.42	0.6675	5.093	284.000
286.000	197.7294	281.4176	340.7365	3.6232	0.3122	0.5239	315.46	0.1729	220.3	65.25	0.6676	5.057	286.000
288.000	199.1451	282.0486	341.7841	3.6270	0.3122	0.5237	316.57	0.1739	221.6	66.13	0.6673	5.021	288.000
290.000	200.5813	282.6573	342.8317	3.6305	0.3122	0.5237	317.68	0.1749	222.9	66.99	0.6674	4.986	290.000
292.000	202.0383	283.2675	343.8790	3.6342	0.3122	0.5237	318.78	0.1759	224.2	67.86	0.6675	4.950	292.000
294.000	203.5163	283.9287	344.9261	3.6377	0.3122	0.5237	319.87	0.1769	225.5	68.69	0.6676	4.918	294.000
296.000	204.6815	284.5691	345.9735	3.6412	0.3122	0.5237	320.97	0.1779	226.8	69.53	0.6676	4.886	296.000
298.000	206.1989	285.1687	347.0204	3.6447	0.3122	0.5234	322.06	0.1789	228.1	70.48	0.6674	4.850	298.000
300.000	207.5867	285.7976	348.0675	3.6482	0.3122	0.5234	323.14	0.1799	229.4	71.34	0.6675	4.818	300.000
302.000	208.9628	286.4286	349.1143	3.6517	0.3122	0.5234	324.22	0.1809	230.7	72.22	0.6675	4.786	302.000
304.000	210.3575	287.0648	350.1612	3.6553	0.3122	0.5234	325.30	0.1819	231.9	73.10	0.6673	4.754	304.000
306.000	211.6822	287.7271	351.2078	3.6586	0.3122	0.5234	326.38	0.1829	233.2	73.94	0.6674	4.726	306.000
308.000	213.0429	288.3416	352.2544	3.6620	0.3122	0.5232	327.45	0.1839	234.5	74.89	0.6671	4.694	308.000
310.000	214.5834	288.9588	353.3010	3.6655	0.3122	0.5232	328.52	0.1849	235.7	75.81	0.6669	4.662	310.000
312.000	215.7978	289.6088	354.3474	3.6688	0.3122	0.5232	329.58	0.1859	237.0	76.68	0.6670	4.634	312.000
314.000	217.2964	290.2848	355.3937	3.6720	0.3122	0.5232	330.64	0.1869	238.3	77.63	0.6671	4.602	314.000
316.000	218.6248	290.8527	356.4401	3.6755	0.3122	0.5232	331.70	0.1878	239.5	78.48	0.6672	4.574	316.000
318.000	219.9696	291.4953	357.4862	3.6788	0.3122	0.5232	332.75	0.1888	240.8	79.38	0.6673	4.546	318.000
320.000	221.3311	292.1338	358.5320	3.6820	0.3122	0.5232	333.80	0.1898	242.0	80.29	0.6671	4.518	320.000
322.000	222.7095	292.7656	359.5785	3.6853	0.3122	0.5229	334.84	0.1908	243.3	81.26	0.6668	4.490	322.000
324.000	224.1051	293.3936	360.6245	3.6885	0.3122	0.5229	335.89	0.1917	244.5	82.15	0.6670	4.462	324.000
326.000	225.5184	294.0149	361.6704	3.6915	0.3122	0.5229	336.93	0.1927	245.8	83.10	0.6670	4.434	326.000

THERMODYNAMIC PROPERTIES OF ARGON

3.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
328.000	226.9496	294.6314	382.7163	3.6948	0.3122	0.5229	337.96	0.1937	247.0	84.87	0.6668	4.406	328.000
330.000	228.3991	295.2424	383.7621	3.6981	0.3122	0.5229	338.99	0.1946	248.2	85.60	0.6670	4.378	330.000
332.000	229.8564	295.9111	384.8080	3.7011	0.3122	0.5229	340.02	0.1956	249.5	85.90	0.6670	4.354	332.000
334.000	231.1407	296.5114	385.8538	3.7043	0.3122	0.5229	341.05	0.1965	250.7	86.86	0.6672	4.326	334.000
336.000	232.4285	297.1787	386.8992	3.7073	0.3122	0.5227	342.07	0.1975	251.9	87.83	0.6666	4.302	336.000
338.000	233.9496	297.7661	387.9448	3.7106	0.3122	0.5227	343.09	0.1985	253.1	88.85	0.6664	4.274	338.000
340.000	235.2683	298.4097	388.9902	3.7136	0.3122	0.5227	344.11	0.1994	254.4	89.75	0.6668	4.250	340.000
342.000	236.6826	299.0548	370.0355	3.7166	0.3122	0.5227	345.12	0.2003	255.6	90.67	0.6670	4.226	342.000
344.000	237.9619	299.6953	371.0809	3.7196	0.3122	0.5227	346.14	0.2013	256.8	91.64	0.6668	4.203	344.000
346.000	239.3169	300.3312	372.1263	3.7228	0.3122	0.5227	347.14	0.2022	258.0	92.58	0.6669	4.179	346.000
348.000	240.6976	300.9623	373.1716	3.7258	0.3122	0.5227	348.15	0.2032	259.2	93.58	0.6667	4.155	348.000
350.000	242.0942	301.5884	374.2167	3.7286	0.3122	0.5227	349.15	0.2041	260.4	94.53	0.6669	4.131	350.000
352.000	243.5072	302.2096	375.2618	3.7316	0.3122	0.5227	350.15	0.2051	261.6	95.55	0.6667	4.107	352.000
354.000	244.9368	302.8259	376.3069	3.7346	0.3122	0.5224	351.14	0.2060	262.8	96.58	0.6665	4.083	354.000
356.000	246.3833	303.4371	377.3521	3.7376	0.3122	0.5224	352.14	0.2069	264.0	97.58	0.6666	4.059	356.000
358.000	247.8468	304.1166	378.3972	3.7406	0.3122	0.5224	353.13	0.2078	265.2	98.49	0.6667	4.039	358.000
360.000	249.0000	304.7100	379.4426	3.7434	0.3122	0.5224	354.12	0.2088	266.4	99.55	0.6665	4.015	360.000
362.000	250.5766	305.3141	380.4869	3.7464	0.3122	0.5224	355.10	0.2097	267.5	100.58	0.6664	3.991	362.000
364.000	251.8365	305.9000	381.5317	3.7491	0.3122	0.5224	356.08	0.2106	268.7	101.52	0.6666	3.971	364.000
366.000	253.1006	306.6437	382.5766	3.7521	0.3122	0.5224	357.06	0.2115	269.9	102.47	0.6667	3.951	366.000
368.000	254.6646	307.2251	383.6214	3.7549	0.3122	0.5224	358.04	0.2125	271.1	103.58	0.6665	3.927	368.000
370.000	255.9565	307.8791	384.6660	3.7576	0.3122	0.5224	359.01	0.2134	272.2	104.55	0.6664	3.907	370.000
372.000	257.2718	308.5291	385.7107	3.7604	0.3122	0.5224	359.98	0.2143	273.4	105.53	0.6665	3.887	372.000
374.000	258.8681	309.0948	386.7552	3.7634	0.3122	0.5224	360.95	0.2152	274.6	106.63	0.6666	3.863	374.000
376.000	260.2136	309.7368	387.7999	3.7661	0.3122	0.5222	361.91	0.2161	275.7	107.69	0.6662	3.843	376.000
378.000	261.5731	310.3726	388.8445	3.7689	0.3122	0.5222	362.88	0.2170	276.9	108.78	0.6663	3.823	378.000
380.000	262.9469	311.0050	389.8891	3.7717	0.3122	0.5222	363.84	0.2179	278.1	109.73	0.6664	3.803	380.000
382.000	264.3352	311.6329	390.9334	3.7744	0.3122	0.5222	364.79	0.2188	279.2	110.76	0.6663	3.783	382.000
384.000	265.7383	312.2563	391.9778	3.7769	0.3122	0.5222	365.75	0.2197	280.4	111.81	0.6664	3.763	384.000
386.000	267.1563	312.8753	393.0222	3.7797	0.3122	0.5222	366.70	0.2206	281.5	112.86	0.6663	3.743	386.000
388.000	268.5896	313.5760	394.0665	3.7824	0.3122	0.5222	367.65	0.2215	282.7	113.81	0.6665	3.727	388.000
390.000	269.7472	314.1867	395.1109	3.7852	0.3122	0.5222	368.60	0.2224	283.8	114.89	0.6663	3.707	390.000
392.000	271.2085	314.7927	396.1552	3.7877	0.3122	0.5222	369.54	0.2233	285.0	115.98	0.6666	3.687	392.000
394.000	272.6857	315.3936	397.1993	3.7904	0.3122	0.5222	370.49	0.2242	286.1	117.08	0.6663	3.667	394.000
396.000	273.8796	316.0000	398.2437	3.7932	0.3122	0.5222	371.43	0.2251	287.2	118.06	0.6662	3.651	396.000
398.000	275.3855	316.6721	399.2878	3.7957	0.3122	0.5222	372.36	0.2260	288.4	119.19	0.6664	3.631	398.000
400.000	276.6827	317.3611	400.3319	3.7982	0.3122	0.6222	373.30	0.2269	289.5	120.19	0.6662	3.615	400.000

THERMODYNAMIC PROPERTIES OF ARGON

4.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
86.000	0.7132	72.0958	72.3811	1.3412	0.8969	1.3165	666.59	1.3663	2767.0	0.71	2.7166	1402.675	86.000
87.000	0.7164	73.3922	73.6788	1.3563	0.8571	1.2827	614.12	1.2883	2626.8	0.72	2.6163	1395.931	87.000
88.000	0.7195	74.6814	74.9492	1.3705	0.8213	1.2591	626.96	1.2708	2550.2	0.73	2.5268	1389.767	88.000
89.000	0.7228	75.9692	76.1963	1.3848	0.7893	1.2394	626.61	1.2537	2476.8	0.73	2.4485	1383.659	89.000
90.000	0.7261	77.1587	77.4292	1.3986	0.7607	1.2228	631.34	1.2371	2406.6	0.73	2.3789	1377.387	90.000
91.000	0.7294	78.3528	78.6437	1.4118	0.7350	1.2093	635.41	1.2208	2339.1	0.74	2.3171	1371.019	91.000
92.000	0.7328	79.5529	79.8468	1.4251	0.7119	1.1983	638.69	1.2049	2274.4	0.74	2.2628	1364.684	92.000
93.000	0.7362	80.7461	81.0486	1.4381	0.6914	1.1895	641.16	1.1893	2212.0	0.74	2.2125	1358.272	93.000
94.000	0.7397	81.9360	82.2259	1.4506	0.6726	1.1828	642.97	1.1748	2151.9	0.73	2.1686	1351.812	94.000
95.000	0.7433	83.1006	83.4072	1.4632	0.6559	1.1775	644.11	1.1589	2094.1	0.73	2.1278	1345.293	95.000
96.000	0.7470	84.2839	84.5827	1.4754	0.6406	1.1748	644.63	1.1442	2038.2	0.73	2.0913	1338.705	96.000
97.000	0.7507	85.4542	85.7545	1.4877	0.6271	1.1718	644.52	1.1296	1984.3	0.72	2.0584	1332.046	97.000
98.000	0.7545	86.6242	86.9268	1.4997	0.6145	1.1708	643.83	1.1152	1932.1	0.72	2.0284	1325.311	98.000
99.000	0.7584	87.7936	88.0978	1.5115	0.6033	1.1718	642.64	1.1011	1881.7	0.71	2.0012	1318.508	99.000
100.000	0.7624	88.9646	89.2696	1.5232	0.5930	1.1728	640.89	1.0871	1832.8	0.71	1.9768	1311.609	100.000
101.000	0.7665	90.1345	90.4411	1.5350	0.5835	1.1748	638.77	1.0733	1785.5	0.70	1.9531	1304.654	101.000
102.000	0.7706	91.3073	91.6156	1.5465	0.5750	1.1768	636.24	1.0596	1739.7	0.69	1.9321	1297.627	102.000
• 102.680	0.7735	92.1890	92.4184	1.5545	0.5695	1.1790	634.19	1.0504	1709.2	0.69	1.9185	1292.769	102.680
• 102.680	48.8249	220.7476	240.2776	2.9041	0.3702	0.6744	179.22	0.0735	86.1	5.32	0.7906	20.481	102.680
103.000	48.9978	220.8911	240.4899	2.9061	0.3692	0.6719	179.61	0.0737	86.3	5.37	0.7867	20.409	103.000
104.000	49.6284	221.3867	241.1588	3.0027	0.3665	0.6649	180.83	0.0741	87.1	5.53	0.7815	20.150	104.000
105.000	50.2466	221.7218	241.8194	3.0089	0.3640	0.6581	182.04	0.0746	87.9	5.70	0.7754	19.902	105.000
106.000	50.8688	222.1267	242.4742	3.0152	0.3615	0.6521	183.22	0.0751	88.6	5.86	0.7693	19.658	106.000
107.000	51.4755	222.5329	243.1231	3.0212	0.3590	0.6461	184.48	0.0756	89.4	6.02	0.7646	19.427	107.000
108.000	52.0860	222.9322	243.7666	3.0272	0.3570	0.6406	185.55	0.0761	90.2	6.19	0.7593	19.199	108.000
109.000	52.7001	223.3242	244.4042	3.0329	0.3547	0.6356	186.78	0.0766	90.9	6.35	0.7542	18.975	109.000
110.000	53.2947	223.7196	245.0375	3.0387	0.3530	0.6306	187.83	0.0771	91.7	6.52	0.7500	18.764	110.000
111.000	53.9038	224.1042	245.6653	3.0445	0.3510	0.6261	188.94	0.0776	92.5	6.68	0.7463	18.552	111.000
112.000	54.5015	224.4886	246.2892	3.0500	0.3492	0.6218	190.04	0.0781	93.3	6.85	0.7428	18.348	112.000
113.000	55.0892	224.8735	246.9092	3.0555	0.3477	0.6178	191.13	0.0786	94.0	7.01	0.7388	18.152	113.000
114.000	55.6774	225.2538	247.5248	3.0610	0.3459	0.6140	192.21	0.0791	94.8	7.17	0.7359	17.961	114.000
115.000	56.2655	225.6388	248.1371	3.0662	0.3444	0.6103	193.28	0.0797	95.6	7.35	0.7328	17.773	115.000
116.000	56.8534	226.0043	248.7456	3.0715	0.3432	0.6070	194.34	0.0802	96.4	7.51	0.7297	17.589	116.000
117.000	57.4404	226.3745	249.3506	3.0767	0.3417	0.6038	195.38	0.0807	97.1	7.68	0.7265	17.409	117.000
118.000	58.0263	226.7414	249.9519	3.0818	0.3404	0.6005	196.42	0.0812	97.9	7.85	0.7248	17.234	118.000
119.000	58.6105	227.1078	250.5512	3.0870	0.3394	0.5978	197.44	0.0818	98.7	8.02	0.7213	17.062	119.000
120.000	59.1786	227.4766	251.1475	3.0920	0.3382	0.5950	198.46	0.0823	99.5	8.19	0.7194	16.898	120.000
121.000	59.7578	227.8381	251.7412	3.0968	0.3372	0.5923	199.46	0.0828	100.3	8.35	0.7174	16.734	121.000
122.000	60.3339	228.1985	252.3328	3.1018	0.3359	0.5898	200.46	0.0834	101.0	8.53	0.7142	16.574	122.000
123.000	60.9064	228.5580	252.9205	3.1065	0.3352	0.5875	201.45	0.0839	101.8	8.70	0.7129	16.419	123.000
124.000	61.4748	228.9169	253.5068	3.1113	0.3342	0.5853	202.43	0.0845	102.6	8.88	0.7106	16.267	124.000
125.000	62.0385	229.2754	254.0908	3.1160	0.3332	0.5830	203.40	0.0850	103.4	9.04	0.7092	16.119	125.000
126.000	62.6127	229.6277	254.6728	3.1206	0.3324	0.5810	204.37	0.0856	104.2	9.22	0.7073	15.971	126.000
127.000	63.1816	229.9794	255.2521	3.1251	0.3317	0.5790	205.33	0.0861	104.9	9.40	0.7054	15.827	127.000
128.000	63.7447	230.3327	255.8306	3.1296	0.3309	0.5770	206.28	0.0867	105.7	9.58	0.7034	15.688	128.000

THERMODYNAMIC PROPERTIES OF ARGON

4.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
129.000	64.3814	230.6857	258.4663	3.1341	0.3302	0.5752	207.22	0.0872	166.5	9.75	0.7026	15.552	129.000
130.000	64.8689	231.0336	258.9069	3.1386	0.3294	0.5735	208.16	0.0878	167.3	9.93	0.7009	15.416	130.000
131.000	65.4275	231.3826	257.5536	3.1428	0.3287	0.5720	209.09	0.0883	168.1	10.10	0.7003	15.284	131.000
132.000	65.9967	231.7268	258.1243	3.1473	0.3282	0.5705	210.01	0.0889	168.8	10.28	0.6982	15.152	132.000
133.000	66.5582	232.0710	258.6943	3.1516	0.3274	0.5687	210.93	0.0894	169.6	10.46	0.6972	15.024	133.000
134.000	67.1114	232.4175	259.2628	3.1559	0.3269	0.5675	211.84	0.0900	110.4	10.64	0.6961	14.901	134.000
135.000	67.6738	232.7592	259.8288	3.1601	0.3264	0.5660	212.74	0.0906	111.2	10.83	0.6947	14.777	135.000
136.000	68.2272	233.1031	260.3946	3.1641	0.3257	0.5647	213.64	0.0911	112.0	11.01	0.6943	14.657	136.000
137.000	68.7787	233.4497	260.9580	3.1684	0.3252	0.5635	214.53	0.0917	112.7	11.19	0.6925	14.541	137.000
138.000	69.3230	233.7918	261.5210	3.1724	0.3247	0.5622	215.42	0.0922	113.5	11.37	0.6921	14.425	138.000
139.000	69.8843	234.1298	262.0827	3.1764	0.3244	0.5610	216.30	0.0928	114.3	11.56	0.6909	14.309	139.000
140.000	70.4348	234.4698	262.6429	3.1804	0.3239	0.5600	217.18	0.0934	115.1	11.75	0.6901	14.198	140.000
141.000	70.9942	234.8047	263.2024	3.1844	0.3234	0.5590	218.05	0.0939	115.8	11.93	0.6893	14.088	141.000
142.000	71.5428	235.1438	263.7606	3.1884	0.3229	0.5580	218.91	0.0945	116.6	12.12	0.6885	13.978	142.000
143.000	72.0983	235.4785	264.3178	3.1924	0.3227	0.5570	219.77	0.0951	117.4	12.31	0.6876	13.870	143.000
144.000	72.6423	235.8174	264.8743	3.1962	0.3222	0.5560	220.63	0.0956	118.2	12.49	0.6874	13.766	144.000
145.000	73.1946	236.1517	265.4295	3.1999	0.3219	0.5550	221.48	0.0962	119.0	12.69	0.6865	13.662	145.000
146.000	73.7336	236.4906	265.9840	3.2039	0.3214	0.5542	222.33	0.0968	119.7	12.88	0.6853	13.562	146.000
147.000	74.2805	236.8258	266.5380	3.2077	0.3212	0.5532	223.17	0.0973	120.5	13.06	0.6851	13.462	147.000
148.000	74.8357	237.1587	267.0909	3.2114	0.3209	0.5525	224.01	0.0979	121.3	13.26	0.6845	13.363	148.000
149.000	75.3765	237.4921	267.6427	3.2149	0.3207	0.5517	224.84	0.0985	122.1	13.46	0.6839	13.267	149.000
150.000	75.9252	237.8238	268.1939	3.2187	0.3202	0.5510	225.67	0.0990	122.8	13.64	0.6834	13.171	150.000
151.000	76.4586	238.1607	268.7441	3.2224	0.3199	0.5502	226.49	0.0996	123.6	13.84	0.6828	13.079	151.000
152.000	76.9995	238.4943	269.2941	3.2259	0.3197	0.5495	227.31	0.1002	124.4	14.04	0.6822	12.987	152.000
153.000	77.5401	238.8283	269.8426	3.2297	0.3194	0.5487	228.13	0.1007	125.2	14.23	0.6822	12.895	153.000
154.000	78.1047	239.1494	270.3912	3.2332	0.3192	0.5482	228.94	0.1013	125.9	14.43	0.6813	12.803	154.000
155.000	78.6445	239.4814	270.9392	3.2367	0.3189	0.5475	229.75	0.1019	126.7	14.64	0.6807	12.715	155.000
156.000	79.1918	239.8069	271.4857	3.2402	0.3187	0.5470	230.55	0.1024	127.5	14.83	0.6810	12.628	156.000
157.000	79.7215	240.1443	272.0329	3.2437	0.3184	0.5462	231.36	0.1030	128.3	15.03	0.6804	12.544	157.000
158.000	80.2582	240.4753	272.5786	3.2472	0.3182	0.5457	232.15	0.1036	129.0	15.24	0.6795	12.460	158.000
159.000	80.8023	240.8029	273.1238	3.2507	0.3182	0.5452	232.95	0.1042	129.8	15.44	0.6792	12.376	159.000
160.000	81.3537	241.1272	273.6687	3.2540	0.3179	0.5445	233.74	0.1047	130.6	15.64	0.6791	12.292	160.000
161.000	81.8860	241.4586	274.2130	3.2575	0.3177	0.5440	234.52	0.1053	131.3	15.85	0.6783	12.212	161.000
162.000	82.4252	241.7866	274.7567	3.2607	0.3174	0.5435	235.31	0.1059	132.1	16.06	0.6779	12.132	162.000
163.000	82.9716	242.1112	275.2999	3.2640	0.3174	0.5430	236.09	0.1064	132.9	16.26	0.6782	12.052	163.000
164.000	83.4975	242.4436	275.8426	3.2675	0.3172	0.5425	236.86	0.1070	133.6	16.47	0.6773	11.976	164.000
165.000	84.0360	242.7728	276.3848	3.2708	0.3169	0.5422	237.64	0.1076	134.4	16.68	0.6773	11.901	165.000
166.000	84.5694	243.0998	276.9267	3.2740	0.3169	0.5417	238.40	0.1081	135.2	16.88	0.6775	11.825	166.000
167.000	85.1158	243.4219	277.4682	3.2773	0.3167	0.5412	239.17	0.1087	135.9	17.10	0.6766	11.749	167.000
168.000	85.6399	243.7534	278.0094	3.2805	0.3164	0.5407	239.94	0.1093	136.7	17.31	0.6762	11.677	168.000
169.000	86.2002	244.0693	278.5493	3.2838	0.3164	0.5405	240.69	0.1099	137.5	17.53	0.6762	11.601	169.000
170.000	86.7378	244.3947	279.0898	3.2868	0.3162	0.5400	241.45	0.1104	138.2	17.73	0.6759	11.529	170.000
171.000	87.2518	244.7298	279.6298	3.2900	0.3162	0.5397	242.21	0.1110	139.0	17.95	0.6758	11.461	171.000
172.000	87.8027	245.0482	280.1692	3.2930	0.3159	0.5392	242.96	0.1116	139.8	18.17	0.6755	11.389	172.000
173.000	88.3294	245.3764	280.7082	3.2963	0.3159	0.5390	243.71	0.1121	140.5	18.37	0.6755	11.321	173.000

THERMODYNAMIC PROPERTIES OF ARGON

4.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
174.000	88.8624	245.7019	281.2469	3.2993	0.3157	0.5384	244.45	0.1127	141.3	18.68	0.6761	11.253	174.000
176.000	89.4819	246.8245	281.7853	3.3025	0.3157	0.5382	245.28	0.1133	142.0	18.82	0.6745	11.185	176.000
178.000	89.9481	246.3440	282.3232	3.3055	0.3154	0.5379	245.93	0.1138	142.8	19.03	0.6750	11.118	178.000
177.000	90.4682	246.8737	282.8610	3.3086	0.3154	0.5374	246.67	0.1144	143.6	19.26	0.6746	11.054	177.000
178.000	90.9943	247.8004	283.3982	3.3116	0.3154	0.5372	247.41	0.1150	144.3	19.48	0.6741	10.990	178.000
179.000	91.5267	247.3247	283.9354	3.3146	0.3152	0.5369	248.14	0.1155	145.1	19.69	0.6746	10.926	179.000
180.000	92.0653	247.8468	284.4720	3.3176	0.3152	0.5367	248.87	0.1161	145.8	19.92	0.6740	10.862	180.000
181.000	92.6102	247.9647	285.0088	3.3206	0.3149	0.5364	249.59	0.1167	146.6	20.15	0.6739	10.798	181.000
182.000	93.1278	248.2939	285.5447	3.3236	0.3149	0.5362	250.32	0.1172	147.3	20.36	0.6739	10.738	182.000
183.000	93.6847	248.8068	286.0806	3.3263	0.3149	0.5359	251.04	0.1178	148.1	20.59	0.6738	10.674	183.000
184.000	94.2136	248.9389	286.6163	3.3293	0.3147	0.5354	251.76	0.1184	148.8	20.83	0.6729	10.614	184.000
185.000	94.7485	249.2524	287.1518	3.3321	0.3147	0.5352	252.48	0.1189	149.6	21.05	0.6734	10.554	185.000
186.000	95.2532	249.5857	287.6870	3.3351	0.3147	0.5349	253.19	0.1195	150.3	21.28	0.6728	10.498	186.000
187.000	95.8006	249.9017	288.2217	3.3378	0.3144	0.5347	253.90	0.1201	151.1	21.52	0.6727	10.438	187.000
188.000	96.3161	250.2299	288.7564	3.3408	0.3144	0.5347	254.61	0.1206	151.8	21.72	0.6730	10.382	188.000
189.000	96.8752	250.5487	289.2908	3.3436	0.3144	0.5344	255.32	0.1212	152.6	21.97	0.6729	10.323	189.000
190.000	97.4029	250.8639	289.8250	3.3463	0.3144	0.5342	256.02	0.1217	153.3	22.19	0.6729	10.267	190.000
191.000	97.9364	251.1841	290.3587	3.3494	0.3142	0.5339	256.72	0.1223	154.1	22.43	0.6728	10.211	191.000
192.000	98.4371	251.5178	290.8926	3.3521	0.3142	0.5337	257.42	0.1229	154.8	22.67	0.6722	10.159	192.000
193.000	98.9826	251.8333	291.4261	3.3549	0.3142	0.5334	258.12	0.1234	155.6	22.90	0.6726	10.103	193.000
194.000	99.5336	252.1463	291.9595	3.3576	0.3142	0.5332	258.82	0.1240	156.3	23.15	0.6721	10.047	194.000
195.000	100.0581	252.4724	292.4925	3.3604	0.3139	0.5332	259.51	0.1246	157.0	23.38	0.6718	9.995	195.000
196.000	100.5727	252.7961	293.0251	3.3629	0.3139	0.5329	260.20	0.1251	157.8	23.61	0.6722	9.943	196.000
197.000	101.1007	253.1181	293.5584	3.3656	0.3139	0.5327	260.89	0.1257	158.5	23.86	0.6717	9.891	197.000
198.000	101.6344	253.4368	294.0905	3.3684	0.3139	0.5324	261.58	0.1262	159.3	24.09	0.6721	9.839	198.000
199.000	102.1736	253.7535	294.6230	3.3711	0.3139	0.5324	262.26	0.1268	160.0	24.33	0.6719	9.787	199.000
200.000	102.6786	254.0648	295.1554	3.3736	0.3137	0.5322	262.95	0.1274	160.7	24.58	0.6713	9.739	200.000
202.000	103.6422	254.6867	296.2236	3.3796	0.3137	0.5317	264.31	0.1285	162.2	25.15	0.6711	9.611	202.000
204.000	105.1346	255.2329	297.2867	3.3849	0.3137	0.5314	265.66	0.1296	163.7	25.64	0.6713	9.512	204.000
206.000	106.2951	255.8671	298.3491	3.3902	0.3134	0.5312	267.00	0.1307	165.1	26.13	0.6710	9.416	206.000
208.000	107.2517	256.5186	299.4112	3.3952	0.3134	0.5309	268.34	0.1318	166.6	26.62	0.6711	9.324	208.000
210.000	108.3191	257.1456	300.4726	3.4002	0.3134	0.5304	269.66	0.1329	168.1	27.14	0.6709	9.232	210.000
212.000	109.3802	257.7889	301.5338	3.4052	0.3132	0.5302	270.99	0.1340	169.5	27.64	0.6706	9.144	212.000
214.000	110.4215	258.4268	302.5936	3.4102	0.3132	0.5299	272.30	0.1351	171.0	28.15	0.6708	9.056	214.000
216.000	111.5035	259.0518	303.6532	3.4152	0.3132	0.5297	273.60	0.1362	172.4	28.67	0.6705	8.968	216.000
218.000	112.5564	259.6901	304.7126	3.4199	0.3132	0.5294	274.90	0.1373	173.8	29.19	0.6702	8.884	218.000
220.000	113.5778	260.3464	305.7715	3.4250	0.3129	0.5294	276.20	0.1384	175.3	29.69	0.6706	8.805	220.000
222.000	114.6784	260.9617	306.8299	3.4297	0.3129	0.5292	277.48	0.1395	176.7	30.23	0.6703	8.721	222.000
224.000	115.7387	261.5957	307.8880	3.4345	0.3129	0.5289	278.76	0.1406	178.1	30.76	0.6700	8.641	224.000
226.000	116.7563	262.2429	308.9454	3.4390	0.3129	0.5287	280.03	0.1417	179.6	31.29	0.6701	8.565	226.000
228.000	117.8002	262.8827	310.0027	3.4437	0.3129	0.5284	281.30	0.1428	181.0	31.83	0.6698	8.489	228.000
230.000	118.8630	263.5142	311.0594	3.4482	0.3129	0.5282	282.56	0.1439	182.4	32.38	0.6695	8.413	230.000
232.000	119.9451	264.1377	312.1158	3.4530	0.3127	0.5282	283.81	0.1450	183.8	32.93	0.6695	8.337	232.000
234.000	120.9886	264.7764	313.1718	3.4575	0.3127	0.5279	285.06	0.1461	185.2	33.48	0.6692	8.265	234.000
236.000	122.0564	265.4073	314.2275	3.4620	0.3127	0.5277	286.30	0.1472	186.6	34.05	0.6689	8.193	236.000

THERMODYNAMIC PROPERTIES OF ARGON

4.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
238.000	123.1311	266.0307	315.2831	3.4663	0.3127	0.5277	287.54	0.1482	188.0	34.58	0.6694	8.121	238.000
240.000	124.1694	266.6705	316.3382	3.4708	0.3127	0.5274	288.77	0.1493	189.4	35.15	0.6691	8.054	240.000
242.000	125.2253	267.3027	317.3929	3.4753	0.3127	0.5274	289.99	0.1504	190.8	35.71	0.6691	7.986	242.000
244.000	126.2357	267.9529	318.4472	3.4795	0.3127	0.5272	291.21	0.1515	192.2	36.28	0.6688	7.922	244.000
246.000	127.3273	268.5787	319.5016	3.4838	0.3127	0.5269	292.42	0.1526	193.6	36.85	0.6689	7.854	246.000
248.000	128.3728	269.2066	320.5555	3.4880	0.3124	0.5269	293.63	0.1536	195.0	37.42	0.6690	7.796	248.000
250.000	129.4348	269.8354	321.6091	3.4923	0.3124	0.5267	294.83	0.1546	196.4	37.99	0.6691	7.726	250.000
252.000	130.4468	270.4641	322.6624	3.4965	0.3124	0.5267	296.03	0.1557	197.7	38.56	0.6688	7.666	252.000
254.000	131.5425	271.0986	323.7158	3.5006	0.3124	0.5264	297.22	0.1568	199.1	39.18	0.6685	7.602	254.000
256.000	132.5876	271.7334	324.7684	3.5048	0.3124	0.5264	298.40	0.1578	200.5	39.74	0.6689	7.542	256.000
258.000	133.6496	272.3615	325.8213	3.5088	0.3124	0.5262	299.59	0.1589	201.8	40.36	0.6682	7.482	258.000
260.000	134.6566	273.0113	326.8737	3.5128	0.3124	0.5262	300.76	0.1599	203.2	40.92	0.6687	7.426	260.000
262.000	135.7513	273.6255	327.9261	3.5168	0.3124	0.5262	301.93	0.1610	204.5	41.54	0.6684	7.366	262.000
264.000	136.7899	274.2628	328.9779	3.5208	0.3124	0.5259	303.10	0.1620	205.9	42.13	0.6685	7.310	264.000
266.000	137.8444	274.8928	330.0298	3.5248	0.3124	0.5259	304.26	0.1630	207.2	42.72	0.6685	7.255	266.000
268.000	138.9163	275.5163	331.0814	3.5288	0.3124	0.5257	305.42	0.1641	208.6	43.36	0.6682	7.199	268.000
270.000	139.9248	276.1628	332.1328	3.5328	0.3124	0.5257	306.57	0.1651	209.9	43.95	0.6683	7.147	270.000
272.000	140.9498	276.8045	333.1841	3.5368	0.3124	0.5257	307.72	0.1662	211.3	44.56	0.6683	7.095	272.000
274.000	141.9883	277.4399	334.2353	3.5404	0.3124	0.5254	308.86	0.1672	212.6	45.18	0.6681	7.043	274.000
276.000	143.0431	278.0688	335.2861	3.5444	0.3124	0.5254	310.00	0.1682	213.9	45.79	0.6682	6.991	276.000
278.000	144.1137	278.6913	336.3367	3.5481	0.3124	0.5254	311.13	0.1692	215.2	46.41	0.6683	6.939	278.000
280.000	145.2004	279.3072	337.3873	3.5519	0.3124	0.5252	312.26	0.1703	216.6	47.08	0.6680	6.887	280.000
282.000	146.2181	279.9585	338.4377	3.5556	0.3122	0.5252	313.39	0.1713	217.9	47.69	0.6681	6.839	282.000
284.000	147.2568	280.5886	339.4881	3.5591	0.3122	0.5252	314.51	0.1723	219.2	48.31	0.6681	6.791	284.000
286.000	148.2971	281.2194	340.5382	3.5629	0.3122	0.5249	315.62	0.1733	220.5	48.96	0.6679	6.743	286.000
288.000	149.3588	281.8445	341.5886	3.5666	0.3122	0.5249	316.74	0.1743	221.8	49.59	0.6680	6.695	288.000
290.000	150.4368	282.4635	342.6379	3.5701	0.3122	0.5249	317.85	0.1753	223.1	50.24	0.6681	6.647	290.000
292.000	151.4378	283.1127	343.6875	3.5739	0.3122	0.5247	318.95	0.1763	224.4	50.88	0.6678	6.603	292.000
294.000	152.5444	283.7191	344.7369	3.5774	0.3122	0.5247	320.05	0.1773	225.7	51.55	0.6679	6.555	294.000
296.000	153.5739	284.3567	345.7863	3.5809	0.3122	0.5247	321.15	0.1783	227.0	52.19	0.6680	6.512	296.000
298.000	154.6173	284.9887	346.8356	3.5844	0.3122	0.5247	322.24	0.1793	228.3	52.84	0.6681	6.468	298.000
300.000	155.6758	285.6147	347.8847	3.5879	0.3122	0.5244	323.33	0.1803	229.6	53.52	0.6678	6.424	300.000
302.000	156.6492	286.2739	348.9338	3.5914	0.3122	0.5244	324.41	0.1813	230.8	54.15	0.6676	6.384	302.000
304.000	157.7359	286.8887	349.9827	3.5949	0.3122	0.5244	325.49	0.1823	232.1	54.83	0.6677	6.340	304.000
306.000	158.7352	287.5372	351.0313	3.5984	0.3122	0.5244	326.57	0.1833	233.4	55.48	0.6678	6.300	306.000
308.000	159.8502	288.1398	352.0799	3.6017	0.3122	0.5242	327.64	0.1843	234.7	56.20	0.6675	6.256	308.000
310.000	160.8775	288.7776	353.1283	3.6052	0.3122	0.5242	328.71	0.1853	235.9	56.87	0.6673	6.216	310.000
312.000	161.9181	289.4097	354.1769	3.6084	0.3122	0.5242	329.78	0.1863	237.2	57.55	0.6674	6.176	312.000
314.000	162.9723	290.0364	355.2253	3.6119	0.3122	0.5242	330.84	0.1872	238.4	58.20	0.6675	6.136	314.000
316.000	164.0403	290.6573	356.2734	3.6152	0.3122	0.5242	331.90	0.1882	239.7	58.90	0.6676	6.096	316.000
318.000	165.0135	291.3161	357.3215	3.6186	0.3122	0.5239	332.95	0.1892	240.9	59.59	0.6671	6.060	318.000
320.000	166.1084	291.9262	358.3696	3.6217	0.3122	0.5239	334.01	0.1902	242.2	60.30	0.6672	6.020	320.000
322.000	167.1864	292.5749	359.4175	3.6250	0.3122	0.5239	335.05	0.1911	243.4	60.95	0.6673	5.984	322.000
324.000	168.2295	293.1736	360.4653	3.6282	0.3122	0.5239	336.10	0.1921	244.7	61.68	0.6674	5.944	324.000
326.000	169.2532	293.8117	361.5129	3.6315	0.3122	0.5239	337.14	0.1931	245.9	62.38	0.6672	5.908	326.000

THERMODYNAMIC PROPERTIES OF ARGON

4.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
328.000	170.2894	294.4448	302.5606	3.6347	0.3122	0.5237	338.18	0.1948	247.2	63.08	0.6673	5.872	328.000
330.000	171.3384	295.3728	303.6002	3.6377	0.3122	0.5237	339.21	0.1958	248.4	63.80	0.6671	5.836	330.000
332.000	172.4004	296.6953	304.6555	3.6410	0.3122	0.5237	340.25	0.1969	249.6	64.49	0.6672	5.800	332.000
334.000	173.3556	298.3607	305.7029	3.6442	0.3122	0.5237	341.27	0.1969	250.9	65.18	0.6673	5.768	334.000
336.000	174.4428	298.9731	306.7503	3.6472	0.3122	0.5237	342.30	0.1978	252.1	65.89	0.6674	5.733	336.000
338.000	175.4200	297.6291	307.7974	3.6502	0.3122	0.5237	343.32	0.1988	253.3	66.59	0.6672	5.701	338.000
340.000	176.5341	298.2300	308.8445	3.6535	0.3122	0.5234	344.34	0.1997	254.5	67.35	0.6671	5.665	340.000
342.000	177.5358	298.8773	309.8918	3.6565	0.3122	0.5234	345.35	0.2007	255.7	68.07	0.6669	5.633	342.000
344.000	178.5408	299.5189	370.9384	3.6595	0.3122	0.5234	346.37	0.2016	256.9	68.77	0.6670	5.601	344.000
346.000	179.7024	300.1644	371.9853	3.6625	0.3122	0.5234	347.38	0.2026	258.1	69.56	0.6668	5.565	346.000
348.000	180.7484	300.7366	373.0322	3.6655	0.3122	0.5234	348.38	0.2036	259.3	70.27	0.6670	5.533	348.000
350.000	181.7984	301.3629	374.0790	3.6685	0.3122	0.5234	349.39	0.2045	260.5	71.02	0.6668	5.501	350.000
352.000	182.7193	302.0379	375.1258	3.6715	0.3122	0.5234	350.39	0.2054	261.7	71.78	0.6669	5.473	352.000
354.000	183.7926	302.6552	376.1728	3.6745	0.3122	0.5232	351.38	0.2063	262.9	72.47	0.6667	5.441	354.000
356.000	184.8785	303.2672	377.2196	3.6775	0.3122	0.5232	352.38	0.2072	264.1	73.22	0.6669	5.409	356.000
358.000	185.8392	303.9295	378.2662	3.6803	0.3122	0.5232	353.37	0.2082	265.3	73.95	0.6667	5.381	358.000
360.000	186.9495	304.5318	379.3116	3.6833	0.3122	0.5232	354.36	0.2091	266.5	74.72	0.6668	5.349	360.000
362.000	187.9328	305.1852	380.3579	3.6863	0.3122	0.5232	355.34	0.2100	267.7	75.43	0.6669	5.321	362.000
364.000	189.0075	305.7778	381.4041	3.6890	0.3122	0.5232	356.33	0.2109	268.9	76.22	0.6671	5.289	364.000
366.000	190.0725	306.4214	382.4504	3.6920	0.3122	0.5232	357.31	0.2119	270.0	76.98	0.6666	5.261	366.000
368.000	191.0881	307.0613	383.4965	3.6948	0.3122	0.5232	358.29	0.2128	271.2	77.72	0.6668	5.233	368.000
370.000	192.1147	307.6967	384.5426	3.6978	0.3122	0.5229	359.28	0.2137	272.4	78.51	0.6666	5.205	370.000
372.000	193.1523	308.3278	385.5887	3.7008	0.3122	0.5229	360.23	0.2146	273.6	79.27	0.6667	5.177	372.000
374.000	194.2013	308.9541	386.6346	3.7038	0.3122	0.5229	361.25	0.2155	274.7	80.03	0.6666	5.149	374.000
376.000	195.2617	309.5758	387.6805	3.7061	0.3122	0.5229	362.17	0.2164	275.9	80.80	0.6667	5.121	376.000
378.000	196.3337	310.1928	388.7263	3.7088	0.3122	0.5229	363.13	0.2173	277.0	81.59	0.6666	5.093	378.000
380.000	197.4175	310.8052	389.7722	3.7116	0.3122	0.5229	364.09	0.2182	278.2	82.38	0.6667	5.065	380.000
382.000	198.3561	311.4763	390.8178	3.7143	0.3122	0.5229	365.05	0.2191	279.4	83.11	0.6668	5.041	382.000
384.000	199.4625	312.0786	391.8636	3.7171	0.3122	0.5229	366.01	0.2200	280.5	83.92	0.6667	5.013	384.000
386.000	200.4287	312.7410	392.9093	3.7196	0.3122	0.5229	366.96	0.2209	281.7	84.66	0.6669	4.990	386.000
388.000	201.5583	313.3347	393.9549	3.7223	0.3122	0.5227	367.91	0.2218	282.8	85.53	0.6664	4.962	388.000
390.000	202.5287	313.9887	395.0002	3.7251	0.3122	0.5227	368.86	0.2227	283.9	86.29	0.6663	4.938	390.000
392.000	203.5168	314.6392	396.0456	3.7278	0.3122	0.5227	369.81	0.2236	285.1	87.06	0.6664	4.914	392.000
394.000	204.6815	315.2186	397.0912	3.7303	0.3122	0.5227	370.75	0.2245	286.2	87.91	0.6663	4.886	394.000
396.000	205.6986	315.8661	398.1366	3.7331	0.3122	0.5227	371.69	0.2254	287.4	88.70	0.6665	4.862	396.000
398.000	206.7897	316.4986	399.1819	3.7356	0.3122	0.5227	372.63	0.2263	288.5	89.50	0.6663	4.838	398.000
400.000	207.7398	317.1317	400.2273	3.7384	0.3122	0.5227	373.57	0.2271	289.8	90.26	0.6665	4.814	400.000

THERMODYNAMIC PROPERTIES OF ARGON

5.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
86.000	0.7130	72.0691	72.4257	1.3487	0.8942	1.3102	669.18	1.3871	2710.7	0.71	2.7171	1402.466	86.000
87.000	0.7162	73.3653	73.7233	1.3558	0.8546	1.2822	616.66	1.2891	2638.3	0.72	2.6162	1396.322	87.000
88.000	0.7193	74.6311	74.9967	1.3783	0.8191	1.2589	623.28	1.2716	2563.6	0.73	2.5281	1390.167	88.000
89.000	0.7226	75.8793	76.2466	1.3845	0.7878	1.2389	628.88	1.2545	2488.1	0.73	2.4492	1383.955	89.000
90.000	0.7258	77.1085	77.4716	1.3981	0.7585	1.2223	633.75	1.2379	2409.8	0.74	2.3795	1377.723	90.000
91.000	0.7292	78.3215	78.6868	1.4116	0.7332	1.2088	637.66	1.2216	2342.2	0.74	2.3177	1371.419	91.000
92.000	0.7325	79.5216	79.8879	1.4249	0.7102	1.1976	640.95	1.2057	2277.4	0.74	2.2628	1365.095	92.000
93.000	0.7360	80.7101	81.0842	1.4378	0.6896	1.1888	643.36	1.1901	2215.6	0.74	2.2126	1358.692	93.000
94.000	0.7395	81.8979	82.2677	1.4504	0.6711	1.1820	645.68	1.1747	2154.8	0.73	2.1663	1352.232	94.000
95.000	0.7431	83.0752	83.4467	1.4629	0.6544	1.1768	646.16	1.1597	2096.9	0.73	2.1278	1345.712	95.000
96.000	0.7467	84.2484	84.6217	1.4752	0.6393	1.1733	646.63	1.1449	2041.0	0.73	2.0916	1339.137	96.000
97.000	0.7505	85.4183	85.7935	1.4872	0.6258	1.1710	646.58	1.1304	1987.0	0.72	2.0584	1332.486	97.000
98.000	0.7543	86.5867	86.9638	1.4992	0.6133	1.1700	645.84	1.1160	1934.8	0.72	2.0285	1325.766	98.000
99.000	0.7582	87.7547	88.1338	1.5112	0.6020	1.1700	644.59	1.1019	1884.3	0.71	2.0008	1318.967	99.000
100.000	0.7621	88.9238	89.3048	1.5230	0.5918	1.1713	642.85	1.0879	1835.5	0.71	1.9762	1312.092	100.000
101.000	0.7662	90.0935	90.4766	1.5345	0.5823	1.1736	640.71	1.0741	1788.2	0.70	1.9529	1305.149	101.000
102.000	0.7703	91.2657	91.6589	1.5463	0.5737	1.1768	638.11	1.0604	1742.3	0.69	1.9319	1298.118	102.000
103.000	0.7746	92.4404	92.8277	1.5575	0.5656	1.1793	635.04	1.0469	1697.8	0.69	1.9125	1290.995	103.000
104.000	0.7789	93.6185	94.0068	1.5690	0.5587	1.1833	631.63	1.0335	1654.6	0.68	1.8944	1283.797	104.000
105.000	0.7834	94.8046	95.1963	1.5803	0.5522	1.1888	627.82	1.0203	1612.7	0.67	1.8778	1276.502	105.000
* 105.748	0.7866	95.6845	96.0774	1.5888	0.5477	1.1928	624.78	1.0105	1582.3	0.67	1.8666	1271.030	105.748
* 105.748	39.5959	220.9921	240.7986	2.9568	0.3772	0.7807	188.41	0.0771	89.0	4.36	0.0088	25.255	105.748
106.000	39.7000	221.1138	240.9077	2.9596	0.3765	0.6984	188.73	0.0772	89.2	4.39	0.0078	25.183	106.000
107.000	40.2323	221.5452	241.6614	2.9651	0.3732	0.6901	182.00	0.0777	90.0	4.53	0.7994	24.856	107.000
108.000	40.7481	221.9762	242.3478	2.9714	0.3702	0.6821	183.24	0.0781	90.8	4.66	0.7931	24.544	108.000
109.000	41.2534	222.3992	243.0259	2.9776	0.3675	0.6749	184.46	0.0786	91.5	4.80	0.7866	24.248	109.000
110.000	41.7527	222.8159	243.6973	2.9839	0.3650	0.6679	185.67	0.0791	92.3	4.95	0.7793	23.945	110.000
111.000	42.2533	223.2385	244.3622	2.9899	0.3625	0.6616	186.86	0.0795	93.0	5.08	0.7748	23.661	111.000
112.000	42.7614	223.6393	245.0268	2.9956	0.3602	0.6556	188.03	0.0800	93.8	5.22	0.7687	23.386	112.000
113.000	43.2585	224.0444	245.6726	3.0014	0.3580	0.6498	189.19	0.0805	94.6	5.36	0.7637	23.118	113.000
114.000	43.7479	224.4468	246.3197	3.0072	0.3560	0.6446	190.33	0.0810	95.4	5.50	0.7592	22.858	114.000
115.000	44.2427	224.8492	246.9615	3.0127	0.3540	0.6393	191.46	0.0815	96.1	5.64	0.7539	22.603	115.000
116.000	44.7249	225.2362	247.5986	3.0182	0.3520	0.6348	192.58	0.0819	96.9	5.77	0.7511	22.359	116.000
117.000	45.2096	225.6259	248.2387	3.0237	0.3502	0.6303	193.68	0.0824	97.7	5.91	0.7474	22.119	117.000
118.000	45.6965	226.0183	248.8585	3.0289	0.3487	0.6261	194.77	0.0829	98.4	6.05	0.7431	21.884	118.000
119.000	46.1685	226.3981	249.4823	3.0342	0.3470	0.6221	195.84	0.0834	99.2	6.19	0.7399	21.660	119.000
120.000	46.6583	226.7786	250.1031	3.0395	0.3454	0.6183	196.91	0.0840	100.0	6.34	0.7361	21.436	120.000
121.000	47.1245	227.1567	250.7189	3.0447	0.3442	0.6145	197.96	0.0845	100.8	6.48	0.7331	21.220	121.000
122.000	47.5994	227.5328	251.3317	3.0497	0.3427	0.6113	199.01	0.0850	101.5	6.62	0.7300	21.009	122.000
123.000	48.0748	227.9039	251.9413	3.0547	0.3414	0.6080	200.04	0.0855	102.3	6.76	0.7276	20.801	123.000
124.000	48.5489	228.2766	252.5476	3.0595	0.3402	0.6050	201.06	0.0860	103.1	6.90	0.7253	20.601	124.000
125.000	49.0065	228.6476	253.1508	3.0645	0.3392	0.6020	202.08	0.0865	103.8	7.04	0.7224	20.405	125.000
126.000	49.4812	229.0116	253.7516	3.0692	0.3379	0.5993	203.08	0.0871	104.6	7.19	0.7197	20.216	126.000
127.000	49.9452	229.3765	254.3492	3.0737	0.3369	0.5965	204.08	0.0876	105.4	7.33	0.7177	20.022	127.000
128.000	50.4079	229.7407	254.9447	3.0785	0.3359	0.5940	205.07	0.0881	106.2	7.48	0.7161	19.838	128.000

THERMODYNAMIC PROPERTIES OF ARGON

5.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
129.000	50.8688	230.1028	255.5372	3.0833	0.3349	0.5918	206.05	0.0887	107.0	7.62	0.7139	19.658	129.000
130.000	51.3278	230.4638	256.1277	3.0878	0.3342	0.5895	207.02	0.0892	107.7	7.77	0.7118	19.483	130.000
131.000	51.7843	230.8238	256.7166	3.0923	0.3332	0.5873	207.98	0.0897	108.5	7.91	0.7103	19.311	131.000
132.000	52.2401	231.1772	257.3017	3.0968	0.3324	0.5850	208.93	0.0903	109.3	8.06	0.7081	19.139	132.000
133.000	52.7001	231.5362	257.8862	3.1010	0.3317	0.5830	209.88	0.0908	110.1	8.21	0.7069	18.976	133.000
134.000	53.1589	231.8885	258.4686	3.1055	0.3309	0.5813	210.82	0.0913	110.8	8.36	0.7054	18.812	134.000
135.000	53.6144	232.2411	259.0482	3.1098	0.3302	0.5796	211.75	0.0919	111.6	8.50	0.7037	18.652	135.000
136.000	54.0668	232.5948	259.6278	3.1140	0.3294	0.5778	212.68	0.0924	112.4	8.65	0.7020	18.496	136.000
137.000	54.5252	232.9469	260.2035	3.1183	0.3289	0.5760	213.60	0.0930	113.2	8.80	0.7011	18.340	137.000
138.000	54.9863	233.2986	260.7787	3.1223	0.3282	0.5745	214.51	0.0935	113.9	8.95	0.6998	18.188	138.000
139.000	55.4388	233.6368	261.3522	3.1266	0.3277	0.5727	215.42	0.0941	114.7	9.11	0.6981	18.041	139.000
140.000	55.8762	233.9859	261.9248	3.1306	0.3269	0.5715	216.32	0.0946	115.5	9.25	0.6978	17.897	140.000
141.000	56.3289	234.3382	262.4947	3.1346	0.3264	0.5700	217.22	0.0952	116.3	9.41	0.6963	17.753	141.000
142.000	56.7766	234.6766	263.0648	3.1386	0.3259	0.5685	218.10	0.0957	117.0	9.56	0.6956	17.613	142.000
143.000	57.2172	235.0231	263.6317	3.1426	0.3254	0.5672	218.99	0.0963	117.8	9.71	0.6939	17.477	143.000
144.000	57.6654	235.3655	264.1982	3.1466	0.3249	0.5660	219.87	0.0968	118.6	9.86	0.6934	17.341	144.000
145.000	58.1206	235.7036	264.7639	3.1506	0.3244	0.5647	220.74	0.0974	119.4	10.02	0.6923	17.208	145.000
146.000	58.5557	236.0501	265.3279	3.1544	0.3239	0.5637	221.61	0.0979	120.1	10.17	0.6916	17.078	146.000
147.000	59.0112	236.3853	265.8909	3.1584	0.3237	0.5625	222.47	0.0985	120.9	10.33	0.6904	16.948	147.000
148.000	59.4456	236.7303	266.4531	3.1621	0.3232	0.5615	223.33	0.0990	121.7	10.48	0.6902	16.822	148.000
149.000	59.9006	237.0635	267.0139	3.1659	0.3229	0.5606	224.18	0.0996	122.5	10.64	0.6893	16.694	149.000
150.000	60.3339	237.4069	267.5738	3.1696	0.3224	0.5595	225.02	0.1001	123.2	10.79	0.6886	16.574	150.000
151.000	60.7733	237.7459	268.1326	3.1734	0.3222	0.5585	225.87	0.1007	124.0	10.96	0.6877	16.455	151.000
152.000	61.2192	238.0809	268.6906	3.1769	0.3217	0.5575	226.71	0.1013	124.8	11.12	0.6868	16.335	152.000
153.000	61.6565	238.4193	269.2475	3.1806	0.3214	0.5567	227.54	0.1018	125.5	11.27	0.6863	16.219	153.000
154.000	62.1001	238.7537	269.8037	3.1841	0.3212	0.5557	228.37	0.1024	126.3	11.44	0.6854	16.103	154.000
155.000	62.5501	239.0842	270.3592	3.1879	0.3207	0.5550	229.19	0.1029	127.1	11.60	0.6855	15.987	155.000
156.000	62.9998	239.4178	270.9132	3.1914	0.3204	0.5542	230.01	0.1035	127.9	11.76	0.6849	15.875	156.000
157.000	63.4217	239.7566	271.4674	3.1949	0.3202	0.5535	230.83	0.1041	128.6	11.93	0.6837	15.767	157.000
158.000	63.8585	240.0911	272.0204	3.1984	0.3199	0.5527	231.64	0.1046	129.4	12.08	0.6838	15.660	158.000
159.000	64.3014	240.4219	272.5726	3.2019	0.3197	0.5520	232.45	0.1052	130.2	12.26	0.6831	15.552	159.000
160.000	64.7338	240.7574	273.1243	3.2054	0.3194	0.5512	233.25	0.1057	130.9	12.41	0.6826	15.448	160.000
161.000	65.1719	241.0898	273.6750	3.2087	0.3192	0.5505	234.05	0.1063	131.7	12.59	0.6820	15.344	161.000
162.000	65.6161	241.4172	274.2252	3.2122	0.3189	0.5500	234.85	0.1068	132.5	12.74	0.6823	15.240	162.000
163.000	66.0489	241.7500	274.7744	3.2154	0.3187	0.5492	235.64	0.1074	133.2	12.92	0.6811	15.140	163.000
164.000	66.4875	242.0799	275.3237	3.2189	0.3184	0.5487	236.43	0.1080	134.0	13.09	0.6808	15.040	164.000
165.000	66.9148	242.4149	275.8719	3.2222	0.3182	0.5480	237.22	0.1085	134.8	13.25	0.6808	14.945	165.000
166.000	67.3642	242.7375	276.4196	3.2254	0.3182	0.5475	238.00	0.1091	135.5	13.42	0.6799	14.845	166.000
167.000	67.7838	243.0749	276.9668	3.2289	0.3179	0.5470	238.78	0.1096	136.3	13.58	0.6802	14.753	167.000
168.000	68.2272	243.3999	277.5135	3.2322	0.3177	0.5465	239.55	0.1102	137.0	13.76	0.6794	14.657	168.000
169.000	68.6675	243.7387	278.0594	3.2352	0.3174	0.5460	240.32	0.1108	137.8	13.93	0.6790	14.565	169.000
170.000	69.0934	244.0582	278.6049	3.2385	0.3174	0.5455	241.09	0.1113	138.6	14.10	0.6793	14.473	170.000
171.000	69.5348	244.3827	279.1501	3.2417	0.3172	0.5450	241.86	0.1119	139.3	14.28	0.6784	14.381	171.000
172.000	69.9624	244.7134	279.6946	3.2450	0.3169	0.5445	242.62	0.1124	140.1	14.44	0.6786	14.293	172.000
173.000	70.3952	245.0412	280.2388	3.2480	0.3169	0.5440	243.38	0.1130	140.8	14.62	0.6778	14.206	173.000

THERMODYNAMIC PROPERTIES OF ARGON

5.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
174.000	70.8335	246.3658	280.7825	3.2512	0.3167	0.5435	244.14	0.1136	141.6	14.81	0.6774	14.118	174.000
176.000	71.2569	246.6976	281.3264	3.2542	0.3164	0.5430	244.89	0.1141	142.4	14.97	0.6776	14.034	176.000
176.000	71.6854	246.0257	281.8684	3.2575	0.3164	0.5427	245.64	0.1147	143.1	15.15	0.6771	13.950	176.000
177.000	72.1191	246.3513	282.4109	3.2605	0.3162	0.5422	246.38	0.1152	143.9	15.32	0.6773	13.866	177.000
178.000	72.5581	246.6736	282.9526	3.2635	0.3162	0.5417	247.13	0.1158	144.6	15.51	0.6764	13.782	178.000
179.000	72.9812	247.0037	283.4943	3.2665	0.3159	0.5415	247.87	0.1164	145.4	15.69	0.6764	13.702	179.000
180.000	73.4092	247.3309	284.0355	3.2695	0.3159	0.5410	248.61	0.1169	146.1	15.86	0.6761	13.622	180.000
181.000	73.8423	247.6550	284.5762	3.2725	0.3157	0.5407	249.34	0.1175	146.9	16.05	0.6760	13.542	181.000
182.000	74.2805	247.9764	285.1166	3.2755	0.3157	0.5402	250.08	0.1180	147.6	16.23	0.6757	13.462	182.000
183.000	74.7017	248.3060	285.6568	3.2785	0.3157	0.5400	250.81	0.1186	148.4	16.41	0.6756	13.387	183.000
184.000	75.1277	248.6327	286.1966	3.2815	0.3154	0.5397	251.53	0.1192	149.1	16.59	0.6751	13.311	184.000
185.000	75.5585	248.9567	286.7360	3.2843	0.3154	0.5392	252.26	0.1197	149.9	16.77	0.6752	13.235	185.000
186.000	75.9944	249.2780	287.2752	3.2873	0.3152	0.5390	252.98	0.1203	150.6	16.96	0.6747	13.159	186.000
187.000	76.4119	249.6075	287.8134	3.2900	0.3152	0.5387	253.70	0.1208	151.4	17.13	0.6752	13.087	187.000
188.000	76.8577	249.9232	288.3521	3.2930	0.3152	0.5384	254.41	0.1214	152.1	17.33	0.6746	13.011	188.000
189.000	77.2848	250.2479	288.8903	3.2958	0.3149	0.5379	255.13	0.1219	152.9	17.51	0.6748	12.939	189.000
190.000	77.7167	250.5699	289.4283	3.2985	0.3149	0.5377	255.84	0.1225	153.6	17.71	0.6742	12.867	190.000
191.000	78.1290	250.9012	289.9657	3.3015	0.3147	0.5374	256.55	0.1231	154.4	17.90	0.6741	12.799	191.000
192.000	78.5784	251.2179	290.5031	3.3043	0.3147	0.5372	257.26	0.1236	155.1	18.08	0.6741	12.727	192.000
193.000	78.9919	251.5444	291.0403	3.3070	0.3147	0.5369	257.96	0.1242	155.9	18.27	0.6740	12.660	193.000
194.000	79.4180	251.8686	291.5770	3.3098	0.3147	0.5367	258.67	0.1247	156.6	18.45	0.6740	12.592	194.000
195.000	79.8486	252.1891	292.1135	3.3126	0.3144	0.5364	259.37	0.1253	157.3	18.65	0.6734	12.524	195.000
196.000	80.2840	252.5079	292.6499	3.3153	0.3144	0.5362	260.06	0.1258	158.1	18.84	0.6739	12.456	196.000
197.000	80.6981	252.8366	293.1856	3.3181	0.3144	0.5359	260.76	0.1264	158.8	19.03	0.6733	12.392	197.000
198.000	81.1428	253.1582	293.7218	3.3208	0.3142	0.5357	261.45	0.1269	159.6	19.22	0.6737	12.324	198.000
199.000	81.5858	253.4744	294.2573	3.3236	0.3142	0.5354	262.14	0.1275	160.3	19.42	0.6732	12.268	199.000
200.000	81.9933	253.7969	294.7925	3.3261	0.3142	0.5352	262.83	0.1281	161.0	19.63	0.6727	12.196	200.000
202.000	83.8267	254.3533	295.8666	3.3318	0.3139	0.5347	264.20	0.1292	162.5	20.06	0.6725	12.044	202.000
204.000	83.8892	254.9914	296.9368	3.3371	0.3139	0.5344	265.57	0.1303	164.0	20.45	0.6727	11.920	204.000
206.000	84.7412	255.6338	298.0044	3.3423	0.3139	0.5339	266.92	0.1314	165.4	20.85	0.6721	11.801	206.000
208.000	85.6186	256.2665	299.0718	3.3476	0.3137	0.5337	268.27	0.1325	166.9	21.25	0.6723	11.681	208.000
210.000	86.4383	256.9195	300.1387	3.3528	0.3137	0.5332	269.61	0.1336	168.3	21.66	0.6717	11.569	210.000
212.000	87.3127	257.5485	301.2048	3.3578	0.3134	0.5329	270.94	0.1347	169.8	22.07	0.6718	11.453	212.000
214.000	88.1428	258.1998	302.2704	3.3628	0.3134	0.5327	272.26	0.1358	171.2	22.47	0.6716	11.345	214.000
216.000	89.0284	258.8249	303.3351	3.3678	0.3134	0.5322	273.57	0.1369	172.7	22.90	0.6714	11.233	216.000
218.000	89.8512	259.4736	304.3992	3.3726	0.3134	0.5319	274.88	0.1380	174.1	23.31	0.6711	11.130	218.000
220.000	90.6976	260.1148	305.4628	3.3774	0.3132	0.5317	276.18	0.1391	175.5	23.73	0.6708	11.026	220.000
222.000	91.5881	260.7459	306.5260	3.3821	0.3132	0.5314	277.48	0.1401	177.0	24.14	0.6714	10.922	222.000
224.000	92.4851	261.3858	307.5883	3.3869	0.3132	0.5312	278.76	0.1412	178.4	24.56	0.6711	10.822	224.000
226.000	93.2658	262.0176	308.6505	3.3917	0.3132	0.5309	280.04	0.1423	179.8	25.00	0.6709	10.722	226.000
228.000	94.1873	262.6582	309.7119	3.3964	0.3129	0.5307	281.32	0.1434	181.2	25.43	0.6706	10.626	228.000
230.000	94.9641	263.2987	310.7727	3.4009	0.3129	0.5304	282.58	0.1445	182.6	25.87	0.6703	10.530	230.000
232.000	95.8000	263.9331	311.8331	3.4057	0.3129	0.5302	283.84	0.1456	184.1	26.31	0.6704	10.438	232.000
234.000	96.6587	264.5679	312.8932	3.4102	0.3129	0.5299	285.10	0.1466	185.5	26.74	0.6706	10.347	234.000
236.000	97.5167	265.1945	313.9529	3.4147	0.3129	0.5297	286.35	0.1477	186.9	27.19	0.6703	10.255	236.000

THERMODYNAMIC PROPERTIES OF ARGON

5.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
238.000	98.3597	265.8324	315.0123	3.4192	0.3127	0.5294	287.59	0.1488	188.3	27.64	0.6700	10.167	238.000
240.000	99.2174	266.4826	316.0711	3.4235	0.3127	0.5294	288.82	0.1498	189.7	28.07	0.6705	10.079	240.000
242.000	100.0751	267.1345	317.1295	3.4280	0.3127	0.5292	290.05	0.1509	191.1	28.53	0.6702	9.995	242.000
244.000	100.9328	267.7889	318.1874	3.4322	0.3127	0.5289	291.28	0.1520	192.4	28.99	0.6695	9.911	244.000
246.000	101.7903	268.4461	319.2452	3.4365	0.3127	0.5287	292.50	0.1530	193.8	29.45	0.6697	9.827	246.000
248.000	102.5924	269.0864	320.2826	3.4410	0.3127	0.5287	293.71	0.1541	195.2	29.90	0.6697	9.747	248.000
250.000	103.4403	269.6394	321.3595	3.4450	0.3127	0.5284	294.92	0.1552	196.6	30.38	0.6694	9.667	250.000
252.000	104.2588	270.2878	322.4164	3.4492	0.3127	0.5282	296.12	0.1562	198.0	30.83	0.6695	9.592	252.000
254.000	105.1346	270.9052	323.4725	3.4535	0.3124	0.5282	297.32	0.1573	199.3	31.31	0.6692	9.512	254.000
256.000	105.9803	271.5385	324.5288	3.4575	0.3124	0.5279	298.51	0.1583	200.7	31.78	0.6693	9.436	256.000
258.000	106.7941	272.1874	325.5845	3.4618	0.3124	0.5279	299.69	0.1594	202.0	32.24	0.6690	9.364	258.000
260.000	107.6669	272.8064	326.6399	3.4658	0.3124	0.5277	300.87	0.1604	203.4	32.73	0.6691	9.288	260.000
262.000	108.5069	273.4418	327.6952	3.4698	0.3124	0.5274	302.05	0.1614	204.7	33.20	0.6689	9.216	262.000
264.000	109.3602	274.0700	328.7501	3.4738	0.3124	0.5274	303.22	0.1625	206.1	33.69	0.6690	9.144	264.000
266.000	110.1784	274.7155	329.8047	3.4778	0.3124	0.5272	304.39	0.1635	207.4	34.17	0.6687	9.076	266.000
268.000	111.0691	275.3548	330.8593	3.4818	0.3124	0.5272	305.55	0.1645	208.8	34.64	0.6692	9.008	268.000
270.000	111.8523	275.9873	331.9135	3.4858	0.3124	0.5269	306.70	0.1656	210.1	35.15	0.6685	8.940	270.000
272.000	112.7004	276.6134	332.9676	3.4896	0.3124	0.5269	307.85	0.1666	211.5	35.63	0.6689	8.872	272.000
274.000	113.5778	277.2323	334.0212	3.4933	0.3124	0.5269	309.00	0.1676	212.8	36.13	0.6690	8.805	274.000
276.000	114.4003	277.8707	335.0748	3.4973	0.3124	0.5267	310.14	0.1687	214.1	36.65	0.6684	8.741	276.000
278.000	115.2511	278.5024	336.1279	3.5011	0.3124	0.5267	311.28	0.1697	215.4	37.13	0.6685	8.677	278.000
280.000	116.1064	279.1278	337.1811	3.5048	0.3124	0.5264	312.41	0.1707	216.7	37.65	0.6683	8.613	280.000
282.000	116.9199	279.7748	338.2339	3.5086	0.3124	0.5264	313.54	0.1717	218.1	38.13	0.6687	8.553	282.000
284.000	117.7448	280.4142	339.2866	3.5123	0.3124	0.5262	314.67	0.1727	219.4	38.65	0.6685	8.493	284.000
286.000	118.5814	281.0486	340.3392	3.5161	0.3124	0.5262	315.79	0.1737	220.7	39.15	0.6686	8.433	286.000
288.000	119.4301	281.6765	341.3915	3.5196	0.3122	0.5262	316.90	0.1747	222.0	39.65	0.6686	8.373	288.000
290.000	120.2909	282.2982	342.4437	3.5233	0.3122	0.5259	318.01	0.1758	223.3	40.21	0.6680	8.313	290.000
292.000	121.1657	282.9427	343.4955	3.5268	0.3122	0.5259	319.12	0.1768	224.6	40.71	0.6681	8.257	292.000
294.000	121.9918	283.5519	344.5474	3.5303	0.3122	0.5259	320.22	0.1778	225.9	41.24	0.6682	8.197	294.000
296.000	122.8298	284.1845	345.5990	3.5341	0.3122	0.5257	321.32	0.1788	227.2	41.78	0.6680	8.141	296.000
298.000	123.6175	284.8416	346.6504	3.5376	0.3122	0.5257	322.42	0.1797	228.5	42.26	0.6684	8.089	298.000
300.000	124.4781	285.4627	347.7018	3.5411	0.3122	0.5257	323.51	0.1807	229.7	42.79	0.6682	8.034	300.000
302.000	125.3507	286.0775	348.7529	3.5446	0.3122	0.5254	324.60	0.1817	231.0	43.35	0.6680	7.978	302.000
304.000	126.1721	286.7177	349.8037	3.5481	0.3122	0.5254	325.68	0.1827	232.3	43.87	0.6681	7.926	304.000
306.000	127.0043	287.3525	350.8546	3.5514	0.3122	0.5254	326.76	0.1837	233.6	44.40	0.6682	7.874	306.000
308.000	127.8475	287.9814	351.9052	3.5549	0.3122	0.5254	327.84	0.1847	234.8	44.94	0.6680	7.822	308.000
310.000	128.7028	288.6048	352.9558	3.5584	0.3122	0.5252	328.91	0.1857	236.1	45.51	0.6677	7.770	310.000
312.000	129.5810	289.2557	354.0062	3.5616	0.3122	0.5252	329.98	0.1866	237.4	46.01	0.6682	7.722	312.000
314.000	130.3778	289.8674	355.0563	3.5649	0.3122	0.5252	331.04	0.1876	238.6	46.57	0.6680	7.670	314.000
316.000	131.1978	290.5078	356.1067	3.5684	0.3122	0.5249	332.10	0.1886	239.9	47.14	0.6677	7.622	316.000
318.000	132.0282	291.1426	357.1566	3.5716	0.3122	0.5249	333.16	0.1896	241.1	47.69	0.6675	7.574	318.000
320.000	132.8691	291.7718	358.2064	3.5749	0.3122	0.5249	334.21	0.1905	242.4	48.22	0.6679	7.526	320.000
322.000	133.7209	292.3958	359.2563	3.5782	0.3122	0.5249	335.26	0.1915	243.6	48.78	0.6677	7.478	322.000
324.000	134.5836	293.0141	360.3059	3.5814	0.3122	0.5247	336.31	0.1925	244.9	49.38	0.6675	7.430	324.000
326.000	135.3842	293.6631	361.3553	3.5847	0.3122	0.5247	337.36	0.1934	246.1	49.98	0.6677	7.386	326.000

THERMODYNAMIC PROPERTIES OF ARGON

5.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
328.000	136.1945	294.3874	362.4846	3.5879	0.3122	0.5247	338.46	0.1944	247.3	50.46	0.6675	7.342	328.000
330.000	137.8895	294.9002	363.4548	3.5969	0.3122	0.5247	339.43	0.1953	248.6	51.03	0.6679	7.295	330.000
332.000	137.9283	295.5429	364.6031	3.5942	0.3122	0.5247	340.47	0.1963	249.8	51.60	0.6677	7.251	332.000
334.000	138.7613	296.1715	365.6522	3.5974	0.3122	0.5244	341.50	0.1973	251.0	52.20	0.6672	7.207	334.000
336.000	139.5348	296.8337	366.6811	3.6004	0.3122	0.5244	342.52	0.1982	252.2	52.73	0.6673	7.167	336.000
338.000	140.3956	297.4521	367.6499	3.6037	0.3122	0.5244	343.55	0.1991	253.5	53.30	0.6677	7.123	338.000
340.000	141.2672	298.0652	368.6988	3.6067	0.3122	0.5244	344.57	0.2001	254.7	53.90	0.6676	7.079	340.000
342.000	142.0689	298.7138	369.7474	3.6097	0.3122	0.5244	345.58	0.2010	255.9	54.45	0.6677	7.039	342.000
344.000	142.8798	299.3561	370.7966	3.6127	0.3122	0.5242	346.60	0.2020	257.1	55.00	0.6672	6.999	344.000
346.000	143.7026	299.9631	371.8444	3.6160	0.3122	0.5242	347.61	0.2029	258.3	55.56	0.6673	6.955	346.000
348.000	144.6132	300.5862	372.8928	3.6190	0.3122	0.5242	348.62	0.2039	259.5	56.25	0.6671	6.915	348.000
350.000	145.4535	301.2144	373.9411	3.6220	0.3122	0.5242	349.62	0.2048	260.7	56.83	0.6673	6.875	350.000
352.000	146.3036	301.8374	374.9892	3.6247	0.3122	0.5242	350.62	0.2057	261.9	57.41	0.6674	6.835	352.000
354.000	147.0772	302.4987	376.0374	3.6277	0.3122	0.5239	351.62	0.2066	263.1	58.00	0.6672	6.799	354.000
356.000	147.9465	303.1119	377.0852	3.6307	0.3122	0.5239	352.62	0.2076	264.3	58.62	0.6670	6.759	356.000
358.000	148.7876	303.7645	378.1333	3.6337	0.3122	0.5239	353.61	0.2085	265.5	59.19	0.6672	6.723	358.000
360.000	149.6267	304.3678	379.1812	3.6365	0.3122	0.5239	354.60	0.2094	266.7	59.80	0.6673	6.683	360.000
362.000	150.4360	305.0188	380.2288	3.6395	0.3122	0.5239	355.59	0.2103	267.8	60.38	0.6672	6.647	362.000
364.000	151.2548	305.6498	381.2766	3.6425	0.3122	0.5239	356.57	0.2113	269.0	61.00	0.6670	6.611	364.000
366.000	152.0811	306.2837	382.3242	3.6452	0.3122	0.5237	357.55	0.2122	270.2	61.62	0.6668	6.575	366.000
368.000	152.9172	306.9138	383.3716	3.6480	0.3122	0.5237	358.53	0.2131	271.4	62.23	0.6669	6.539	368.000
370.000	153.7626	307.5379	384.4192	3.6510	0.3122	0.5237	359.51	0.2140	272.5	62.83	0.6668	6.504	370.000
372.000	154.6173	308.1579	385.4666	3.6537	0.3122	0.5237	360.48	0.2149	273.7	63.45	0.6670	6.468	372.000
374.000	155.4816	308.7731	386.5139	3.6565	0.3122	0.5237	361.45	0.2158	274.9	64.07	0.6671	6.432	374.000
376.000	156.2581	309.4328	387.5611	3.6593	0.3122	0.5237	362.42	0.2167	276.0	64.66	0.6670	6.400	376.000
378.000	157.1469	310.0378	388.6082	3.6620	0.3122	0.5237	363.39	0.2176	277.2	65.30	0.6671	6.364	378.000
380.000	157.9348	310.6883	389.6553	3.6648	0.3122	0.5234	364.35	0.2185	278.3	65.93	0.6667	6.332	380.000
382.000	158.8359	311.2844	390.7024	3.6675	0.3122	0.5234	365.31	0.2194	279.5	66.58	0.6668	6.296	382.000
384.000	159.6463	311.9261	391.7492	3.6703	0.3122	0.5234	366.27	0.2203	280.6	67.19	0.6667	6.264	384.000
386.000	160.4658	312.5636	392.7961	3.6730	0.3122	0.5234	367.22	0.2212	281.8	67.81	0.6668	6.232	386.000
388.000	161.2922	313.1969	393.8430	3.6758	0.3122	0.5234	368.17	0.2221	282.9	68.44	0.6667	6.200	388.000
390.000	162.1279	313.8259	394.8898	3.6785	0.3122	0.5234	369.12	0.2230	284.1	69.07	0.6668	6.168	390.000
392.000	162.9723	314.4508	395.9365	3.6813	0.3122	0.5234	370.07	0.2239	285.2	69.71	0.6667	6.136	392.000
394.000	163.8255	315.0703	396.9831	3.6838	0.3122	0.5234	371.01	0.2248	286.4	70.36	0.6669	6.104	394.000
396.000	164.5795	315.7399	398.0297	3.6863	0.3122	0.5232	371.95	0.2257	287.5	71.00	0.6664	6.076	396.000
398.000	165.4497	316.3512	399.0760	3.6890	0.3122	0.5232	372.89	0.2266	288.6	71.66	0.6663	6.044	398.000
400.000	166.3292	316.9588	400.1226	3.6915	0.3122	0.5232	373.83	0.2274	289.8	72.29	0.6667	6.012	400.000

THERMODYNAMIC PROPERTIES OF ARGON

6.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
86.000	0.7128	72.0425	72.4702	1.3405	0.8919	1.3100	611.67	1.3079	2714.2	0.71	2.7185	1402.845	86.000
87.000	0.7168	73.3371	73.7666	1.3555	0.8621	1.2819	619.15	1.2898	2633.8	0.72	2.6177	1396.714	87.000
88.000	0.7191	74.6026	75.0340	1.3700	0.8166	1.2584	625.76	1.2724	2557.1	0.73	2.5289	1390.566	88.000
89.000	0.7224	75.8510	76.2844	1.3840	0.7850	1.2384	631.39	1.2553	2483.6	0.73	2.4501	1384.378	89.000
90.000	0.7256	77.0774	77.5128	1.3978	0.7565	1.2218	636.13	1.2386	2413.1	0.74	2.3804	1378.138	90.000
91.000	0.7290	78.2912	78.7286	1.4113	0.7312	1.2083	639.94	1.2223	2345.3	0.74	2.3185	1371.826	91.000
92.000	0.7323	79.4926	79.9314	1.4244	0.7084	1.1971	643.11	1.2064	2280.4	0.74	2.2627	1365.491	92.000
93.000	0.7358	80.6817	81.1232	1.4374	0.6879	1.1883	645.57	1.1908	2218.0	0.74	2.2133	1359.111	93.000
94.000	0.7393	81.8662	82.3098	1.4499	0.6694	1.1813	647.23	1.1755	2157.8	0.74	2.1684	1352.655	94.000
95.000	0.7429	83.0411	83.4868	1.4624	0.6528	1.1763	648.28	1.1605	2099.8	0.73	2.1284	1346.148	95.000
96.000	0.7465	84.2129	84.6600	1.4747	0.6378	1.1725	648.78	1.1457	2043.8	0.73	2.0917	1339.576	96.000
97.000	0.7502	85.3814	85.8316	1.4869	0.6243	1.1703	648.52	1.1312	1989.8	0.73	2.0585	1332.933	97.000
98.000	0.7540	86.5499	87.0023	1.4989	0.6118	1.1693	647.79	1.1168	1937.6	0.72	2.0286	1326.222	98.000
99.000	0.7579	87.7159	88.1706	1.5107	0.6008	1.1693	646.57	1.1027	1887.1	0.71	2.0018	1319.439	99.000
100.000	0.7619	88.8843	89.3414	1.5225	0.5905	1.1703	644.79	1.0887	1838.1	0.71	1.9768	1312.563	100.000
101.000	0.7659	90.0519	90.5114	1.5342	0.5813	1.1723	642.59	1.0749	1790.8	0.70	1.9538	1305.636	101.000
102.000	0.7700	91.2227	91.6847	1.5458	0.5727	1.1748	639.98	1.0613	1745.0	0.70	1.9316	1298.622	102.000
103.000	0.7743	92.3969	92.8615	1.5573	0.5650	1.1783	636.93	1.0478	1700.4	0.69	1.9121	1291.511	103.000
104.000	0.7786	93.5736	94.0407	1.5686	0.5577	1.1823	633.49	1.0344	1657.2	0.68	1.8941	1284.324	104.000
105.000	0.7831	94.7570	95.2268	1.5801	0.5512	1.1868	629.67	1.0211	1615.3	0.67	1.8774	1277.042	105.000
106.000	0.7876	95.9425	96.4151	1.5913	0.5452	1.1923	625.53	1.0080	1574.5	0.67	1.8624	1269.675	106.000
107.000	0.7923	97.1355	97.6109	1.6023	0.5396	1.1983	621.03	0.9950	1534.9	0.66	1.8485	1262.213	107.000
108.000	0.7970	98.3342	98.8125	1.6136	0.5344	1.2048	616.18	0.9820	1496.3	0.65	1.8358	1254.651	108.000
* 108.390	0.7989	98.7988	99.2773	1.6179	0.5324	1.2073	614.24	0.9770	1481.7	0.65	1.8310	1251.703	108.390
* 108.390	33.3145	221.1287	241.1174	2.9281	0.3835	0.7267	181.28	0.0084	91.7	3.69	0.8288	30.017	108.390
109.000	33.5737	221.4138	241.5588	2.9381	0.3815	0.7207	182.68	0.0087	92.1	3.76	0.8225	29.785	109.000
110.000	34.0209	221.8615	242.2748	2.9366	0.3788	0.7112	183.37	0.0811	92.9	3.88	0.8146	29.394	110.000
111.000	34.4611	222.3048	242.9866	2.9431	0.3758	0.7022	184.65	0.0815	93.6	4.00	0.8064	29.018	111.000
112.000	34.8963	222.7398	243.6783	2.9493	0.3728	0.6939	185.90	0.0820	94.4	4.12	0.7988	28.655	112.000
113.000	35.3268	223.1724	244.3684	2.9553	0.3698	0.6864	187.13	0.0824	95.2	4.24	0.7930	28.307	113.000
114.000	35.7537	223.5974	245.0568	2.9613	0.3665	0.6791	188.35	0.0829	95.9	4.36	0.7858	27.968	114.000
115.000	36.1847	224.0157	245.7264	2.9674	0.3648	0.6724	189.55	0.0833	96.7	4.48	0.7805	27.638	115.000
116.000	36.6060	224.4305	246.3963	2.9731	0.3617	0.6659	190.72	0.0838	97.4	4.61	0.7739	27.316	116.000
117.000	37.0249	224.8438	247.0579	2.9789	0.3595	0.6599	191.89	0.0842	98.2	4.72	0.7696	27.009	117.000
118.000	37.4402	225.2589	247.7158	2.9844	0.3572	0.6544	193.04	0.0847	99.0	4.85	0.7648	26.709	118.000
119.000	37.8593	225.6513	248.3669	2.9899	0.3552	0.6491	194.17	0.0852	99.7	4.97	0.7596	26.414	119.000
120.000	38.2702	226.0508	249.0138	2.9951	0.3535	0.6441	195.29	0.0857	100.5	5.09	0.7553	26.130	120.000
121.000	38.6782	226.4474	249.6543	3.0007	0.3517	0.6393	196.40	0.0861	101.3	5.21	0.7522	25.854	121.000
122.000	39.0889	226.8378	250.2911	3.0059	0.3500	0.6348	197.49	0.0866	102.0	5.33	0.7477	25.583	122.000
123.000	39.4897	227.2383	250.9242	3.0109	0.3482	0.6306	198.57	0.0871	102.8	5.45	0.7442	25.323	123.000
124.000	39.8989	227.6132	251.5525	3.0162	0.3467	0.6266	199.64	0.0876	103.6	5.58	0.7410	25.063	124.000
125.000	40.2971	227.9988	252.1771	3.0212	0.3454	0.6228	200.70	0.0881	104.3	5.70	0.7373	24.816	125.000
126.000	40.6967	228.3798	252.7979	3.0259	0.3439	0.6191	201.75	0.0886	105.1	5.82	0.7343	24.572	126.000
127.000	41.0976	228.7571	253.4157	3.0309	0.3427	0.6158	202.78	0.0891	105.9	5.95	0.7319	24.332	127.000
128.000	41.4927	229.1339	254.0295	3.0357	0.3414	0.6125	203.81	0.0896	106.7	6.07	0.7294	24.101	128.000

THERMODYNAMIC PROPERTIES OF ARGON

6.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
129.000	41.8885	229.5667	254.6396	3.0485	0.3402	0.6095	284.83	0.0901	107.4	6.19	0.7266	23.873	129.000
130.000	42.2847	229.8778	255.2478	3.0452	0.3392	0.6065	285.83	0.0907	108.2	6.32	0.7236	23.649	130.000
131.000	42.6748	230.2485	255.8528	3.0497	0.3379	0.6035	286.83	0.0912	109.0	6.45	0.7213	23.433	131.000
132.000	43.0638	230.6173	256.4551	3.0542	0.3369	0.6010	287.82	0.0917	109.7	6.57	0.7190	23.222	132.000
133.000	43.4593	230.9791	257.0547	3.0590	0.3359	0.5985	288.80	0.0922	110.5	6.69	0.7173	23.010	133.000
134.000	43.8475	231.3434	257.6519	3.0632	0.3352	0.5960	289.77	0.0927	111.3	6.82	0.7156	22.806	134.000
135.000	44.2349	231.7055	258.2465	3.0677	0.3342	0.5938	210.74	0.0933	112.1	6.95	0.7134	22.607	135.000
136.000	44.6213	232.0665	258.8392	3.0722	0.3334	0.5915	211.69	0.0938	112.8	7.08	0.7113	22.411	136.000
137.000	45.0064	232.4254	259.4292	3.0765	0.3324	0.5893	212.64	0.0943	113.6	7.20	0.7099	22.219	137.000
138.000	45.3899	232.7826	260.0175	3.0808	0.3317	0.5873	213.58	0.0948	114.4	7.33	0.7087	22.031	138.000
139.000	45.7717	233.1402	260.6033	3.0850	0.3309	0.5853	214.51	0.0954	115.1	7.46	0.7061	21.848	139.000
140.000	46.1514	233.4969	261.1878	3.0890	0.3302	0.5835	215.44	0.0959	115.9	7.59	0.7052	21.668	140.000
141.000	46.5375	233.8488	261.7705	3.0933	0.3297	0.5818	216.36	0.0964	116.7	7.71	0.7043	21.488	141.000
142.000	46.9214	234.1985	262.3513	3.0973	0.3289	0.5800	217.28	0.0970	117.5	7.85	0.7026	21.312	142.000
143.000	47.2937	234.5541	262.9303	3.1015	0.3284	0.5783	218.18	0.0975	118.2	7.97	0.7010	21.144	143.000
144.000	47.6818	234.8992	263.5078	3.1055	0.3277	0.5767	219.08	0.0980	119.0	8.10	0.7003	20.973	144.000
145.000	48.0583	235.2586	264.0838	3.1095	0.3272	0.5752	219.98	0.0986	119.8	8.24	0.6989	20.809	145.000
146.000	48.4282	235.6096	264.6575	3.1133	0.3267	0.5737	220.87	0.0991	120.5	8.36	0.6976	20.649	146.000
147.000	48.8059	235.9475	265.2310	3.1173	0.3262	0.5722	221.75	0.0997	121.3	8.50	0.6962	20.489	147.000
148.000	49.1895	236.2888	265.8026	3.1211	0.3257	0.5710	222.63	0.1002	122.1	8.63	0.6958	20.330	148.000
149.000	49.5596	236.6368	266.3725	3.1251	0.3252	0.5697	223.50	0.1007	122.9	8.76	0.6953	20.178	149.000
150.000	49.9353	236.9866	266.9418	3.1288	0.3247	0.5685	224.37	0.1013	123.6	8.90	0.6936	20.026	150.000
151.000	50.3066	237.3256	267.5095	3.1326	0.3242	0.5672	225.23	0.1018	124.4	9.03	0.6932	19.878	151.000
152.000	50.6834	237.6659	268.0766	3.1363	0.3237	0.5660	226.08	0.1024	125.2	9.17	0.6920	19.736	152.000
153.000	51.0556	238.0084	268.6417	3.1401	0.3234	0.5650	226.93	0.1029	125.9	9.30	0.6913	19.587	153.000
154.000	51.4332	238.3466	269.2068	3.1438	0.3229	0.5640	227.78	0.1035	126.7	9.44	0.6904	19.443	154.000
155.000	51.8058	238.6857	269.7692	3.1475	0.3227	0.5627	228.62	0.1040	127.5	9.57	0.6899	19.303	155.000
156.000	52.1729	239.0277	270.3314	3.1508	0.3222	0.5617	229.46	0.1046	128.2	9.72	0.6886	19.167	156.000
157.000	52.5462	239.3658	270.8929	3.1548	0.3219	0.5610	230.29	0.1051	129.0	9.84	0.6886	19.031	157.000
158.000	52.9117	239.7056	271.4526	3.1581	0.3217	0.5600	231.12	0.1056	129.8	9.98	0.6883	18.899	158.000
159.000	53.2834	240.0426	272.0126	3.1618	0.3212	0.5590	231.94	0.1062	130.5	10.12	0.6869	18.768	159.000
160.000	53.6488	240.3818	272.5711	3.1651	0.3209	0.5582	232.76	0.1067	131.3	10.25	0.6869	18.640	160.000
161.000	54.0193	240.7172	273.1288	3.1686	0.3207	0.5572	233.57	0.1073	132.1	10.40	0.6860	18.512	161.000
162.000	54.3949	241.0486	273.6855	3.1721	0.3204	0.5565	234.39	0.1078	132.8	10.54	0.6855	18.384	162.000
163.000	54.7638	241.3885	274.2418	3.1754	0.3202	0.5557	235.19	0.1084	133.6	10.68	0.6849	18.260	163.000
164.000	55.1256	241.7216	274.7978	3.1789	0.3199	0.5550	235.99	0.1089	134.3	10.82	0.6844	18.140	164.000
165.000	55.4922	242.0561	275.3514	3.1821	0.3197	0.5542	236.79	0.1095	135.1	10.96	0.6838	18.021	165.000
166.000	55.8637	242.3872	275.9054	3.1856	0.3194	0.5535	237.59	0.1100	135.9	11.10	0.6838	17.901	166.000
167.000	56.2276	242.7218	276.4584	3.1889	0.3192	0.5527	238.38	0.1106	136.6	11.25	0.6827	17.786	167.000
168.000	56.5963	243.0531	277.0109	3.1921	0.3189	0.5522	239.17	0.1111	137.4	11.39	0.6829	17.669	168.000
169.000	56.9569	243.3887	277.5628	3.1954	0.3187	0.5515	239.95	0.1117	138.2	11.54	0.6823	17.557	169.000
170.000	57.3221	243.7205	278.1138	3.1987	0.3184	0.5510	240.73	0.1122	138.9	11.67	0.6821	17.445	170.000
171.000	57.6920	244.0491	278.6642	3.2019	0.3182	0.5502	241.51	0.1128	139.7	11.83	0.6814	17.333	171.000
172.000	58.0632	244.3823	279.2142	3.2052	0.3179	0.5497	242.28	0.1133	140.4	11.97	0.6812	17.226	172.000
173.000	58.4196	244.7120	279.7634	3.2082	0.3179	0.5492	243.05	0.1139	141.2	12.12	0.6809	17.118	173.000

THERMODYNAMIC PROPERTIES OF ARGON

6.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
174.000	58.7894	246.0387	286.3124	3.2114	0.3177	0.5485	243.81	0.1144	141.9	12.26	0.6803	17.010	174.000
176.000	59.1586	245.3705	286.0009	3.2147	0.3174	0.5480	244.58	0.1150	142.7	12.41	0.6799	16.906	176.000
176.000	59.5161	245.6983	281.4681	3.2177	0.3172	0.5475	245.34	0.1155	143.4	12.56	0.6797	16.802	176.000
177.000	59.8721	246.0322	281.9555	3.2207	0.3172	0.5470	246.09	0.1161	144.2	12.71	0.6793	16.702	177.000
178.000	60.2323	246.3629	282.5023	3.2239	0.3169	0.5465	246.85	0.1166	145.0	12.86	0.6796	16.602	178.000
179.000	60.5968	246.6983	283.0484	3.2269	0.3169	0.5460	247.60	0.1172	145.7	13.01	0.6787	16.503	179.000
180.000	60.9658	247.0147	283.5941	3.2299	0.3167	0.5455	248.34	0.1178	146.5	13.17	0.6784	16.403	180.000
181.000	61.3242	247.3451	284.1396	3.2330	0.3164	0.5452	249.09	0.1183	147.2	13.31	0.6784	16.307	181.000
182.000	61.6869	247.6719	284.6841	3.2360	0.3164	0.5447	249.83	0.1189	148.0	13.47	0.6780	16.211	182.000
183.000	62.0539	247.9962	285.2285	3.2390	0.3162	0.5442	250.57	0.1194	148.7	13.61	0.6778	16.115	183.000
184.000	62.4097	248.3267	285.7725	3.2420	0.3162	0.5437	251.30	0.1200	149.5	13.77	0.6774	16.023	184.000
185.000	62.7697	248.6544	286.3162	3.2450	0.3159	0.5435	252.04	0.1205	150.2	13.92	0.6774	15.931	185.000
186.000	63.1338	248.9791	286.8594	3.2477	0.3159	0.5430	252.77	0.1211	150.9	14.08	0.6766	15.839	186.000
187.000	63.4866	249.3165	287.4021	3.2507	0.3157	0.5427	253.49	0.1216	151.7	14.22	0.6770	15.751	187.000
188.000	63.8585	249.6294	287.9445	3.2535	0.3157	0.5422	254.22	0.1222	152.4	14.39	0.6762	15.666	188.000
189.000	64.2189	249.9551	288.4865	3.2565	0.3154	0.5420	254.94	0.1227	153.2	14.54	0.6767	15.572	189.000
190.000	64.5668	250.2881	289.0282	3.2592	0.3154	0.5415	255.66	0.1233	153.9	14.70	0.6758	15.488	190.000
191.000	64.9353	250.6083	289.5694	3.2622	0.3154	0.5412	256.38	0.1238	154.7	14.85	0.6763	15.406	191.000
192.000	65.2969	250.9361	290.1106	3.2650	0.3152	0.5410	257.09	0.1244	155.4	15.01	0.6758	15.316	192.000
193.000	65.6585	251.2607	290.6511	3.2677	0.3152	0.5405	257.80	0.1249	156.2	15.17	0.6759	15.232	193.000
194.000	66.0141	251.5828	291.1913	3.2705	0.3152	0.5402	258.51	0.1255	156.9	15.34	0.6754	15.148	194.000
195.000	66.3641	251.9138	291.7315	3.2733	0.3149	0.5400	259.22	0.1260	157.6	15.49	0.6754	15.068	195.000
196.000	66.7357	252.2298	292.2712	3.2760	0.3149	0.5397	259.92	0.1266	158.4	15.65	0.6753	14.984	196.000
197.000	67.0934	252.5546	292.8106	3.2788	0.3147	0.5392	260.62	0.1271	159.1	15.82	0.6750	14.905	197.000
198.000	67.4388	252.8875	293.3496	3.2815	0.3147	0.5390	261.32	0.1277	159.8	15.98	0.6744	14.829	198.000
199.000	67.8021	253.2073	293.8885	3.2843	0.3147	0.5387	262.02	0.1282	160.6	16.14	0.6748	14.749	199.000
200.000	68.1529	253.5353	294.4270	3.2870	0.3147	0.5384	262.72	0.1288	161.3	16.30	0.6743	14.673	200.000
202.000	69.8172	254.8973	295.5077	3.2928	0.3144	0.5379	264.10	0.1298	162.8	16.65	0.6747	14.489	202.000
204.000	69.7285	254.7457	296.5828	3.2980	0.3142	0.5374	265.47	0.1309	164.2	16.98	0.6742	14.341	204.000
206.000	70.4547	255.3841	297.6569	3.3033	0.3142	0.5369	266.84	0.1320	165.7	17.32	0.6740	14.194	206.000
208.000	71.1556	256.0378	298.7303	3.3086	0.3139	0.5364	268.20	0.1331	167.1	17.65	0.6735	14.054	208.000
210.000	71.8913	256.6679	299.8027	3.3136	0.3139	0.5359	269.55	0.1342	168.6	18.00	0.6733	13.910	210.000
212.000	72.6002	257.3148	300.8741	3.3186	0.3139	0.5354	270.89	0.1353	170.0	18.35	0.6728	13.774	212.000
214.000	73.3017	257.9637	301.9448	3.3236	0.3137	0.5352	272.22	0.1364	171.5	18.68	0.6729	13.642	214.000
216.000	74.0178	258.6047	303.0149	3.3286	0.3137	0.5347	273.54	0.1375	172.9	19.03	0.6724	13.510	216.000
218.000	74.7463	259.2368	304.0838	3.3336	0.3134	0.5344	274.86	0.1386	174.4	19.38	0.6725	13.379	218.000
220.000	75.4447	259.8856	305.1524	3.3383	0.3134	0.5339	276.17	0.1397	175.8	19.74	0.6719	13.255	220.000
222.000	76.1562	260.5263	306.2201	3.3433	0.3134	0.5337	277.47	0.1407	177.2	20.08	0.6721	13.131	222.000
224.000	76.8813	261.1584	307.2872	3.3481	0.3134	0.5334	278.77	0.1418	178.6	20.44	0.6719	13.007	224.000
226.000	77.5962	261.7959	308.3536	3.3529	0.3132	0.5332	280.05	0.1429	180.1	20.80	0.6720	12.887	226.000
228.000	78.3001	262.4394	309.4195	3.3574	0.3132	0.5327	281.34	0.1440	181.5	21.17	0.6714	12.771	228.000
230.000	79.0169	263.0745	310.4846	3.3621	0.3132	0.5324	282.61	0.1450	182.9	21.52	0.6716	12.656	230.000
232.000	79.7215	263.7166	311.5495	3.3666	0.3132	0.5322	283.88	0.1461.	184.3	21.89	0.6713	12.544	232.000
234.000	80.4388	264.3584	312.6136	3.3714	0.3129	0.5319	285.14	0.1472	185.7	22.26	0.6711	12.432	234.000
236.000	81.1428	264.9916	313.6773	3.3759	0.3129	0.5317	286.39	0.1483	187.1	22.63	0.6708	12.324	236.000

THERMODYNAMIC PROPERTIES OF ARGON

0.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
238.000	81.8592	265.6249	314.7484	3.3864	0.3129	0.5314	287.64	0.1493	188.5	23.00	0.6710	12.216	238.000
240.000	82.5612	266.2861	315.4028	3.3940	0.3129	0.5312	288.88	0.1504	189.9	23.38	0.6707	12.112	240.000
242.000	83.2753	266.9997	316.0649	3.3892	0.3129	0.5309	290.12	0.1514	191.3	23.75	0.6709	12.008	242.000
244.000	83.9736	267.5424	317.9265	3.3934	0.3127	0.5307	291.35	0.1525	192.7	24.13	0.6706	11.908	244.000
246.000	84.6838	268.1774	318.9077	3.3979	0.3127	0.5304	292.57	0.1536	194.0	24.52	0.6700	11.809	246.000
248.000	85.4062	268.8051	320.0488	3.4022	0.3127	0.5304	293.79	0.1546	195.4	24.89	0.6704	11.709	248.000
250.000	86.1113	269.4424	321.1092	3.4064	0.3127	0.5302	295.00	0.1557	196.8	25.29	0.6701	11.613	250.000
252.000	86.7986	270.0982	322.1698	3.4107	0.3127	0.5299	296.21	0.1567	198.2	25.67	0.6703	11.521	252.000
254.000	87.5264	270.7129	323.2287	3.4147	0.3127	0.5297	297.41	0.1578	199.5	26.08	0.6697	11.425	254.000
256.000	88.2368	271.3465	324.2881	3.4189	0.3127	0.5294	298.61	0.1588	200.9	26.47	0.6698	11.333	256.000
258.000	88.9256	271.9916	325.3469	3.4229	0.3127	0.5294	299.80	0.1598	202.3	26.84	0.6702	11.245	258.000
260.000	89.6268	272.6299	326.4055	3.4272	0.3124	0.5292	300.99	0.1609	203.6	27.25	0.6696	11.157	260.000
262.000	90.3376	273.2614	327.4640	3.4312	0.3124	0.5289	302.17	0.1619	205.0	27.65	0.6697	11.070	262.000
264.000	91.0665	273.8953	328.5216	3.4352	0.3124	0.5289	303.34	0.1630	206.3	28.06	0.6694	10.982	264.000
266.000	91.7615	274.5223	329.5792	3.4392	0.3124	0.5287	304.51	0.1640	207.7	28.46	0.6696	10.898	266.000
268.000	92.4734	275.1525	330.6365	3.4432	0.3124	0.5287	305.68	0.1650	209.0	28.86	0.6697	10.814	268.000
270.000	93.1617	275.7967	331.6937	3.4470	0.3124	0.5284	306.84	0.1660	210.3	29.27	0.6695	10.734	270.000
272.000	93.8683	276.4341	332.7503	3.4510	0.3124	0.5282	307.99	0.1671	211.7	29.69	0.6692	10.654	272.000
274.000	94.5695	277.0652	333.8069	3.4547	0.3124	0.5282	309.14	0.1681	213.0	30.10	0.6693	10.574	274.000
276.000	95.2895	277.6891	334.8628	3.4587	0.3124	0.5279	310.29	0.1691	214.3	30.52	0.6691	10.494	276.000
278.000	95.9837	278.3285	335.9187	3.4625	0.3124	0.5279	311.43	0.1701	215.6	30.93	0.6692	10.418	278.000
280.000	96.6881	278.9617	336.9745	3.4663	0.3124	0.5277	312.57	0.1711	216.9	31.35	0.6689	10.343	280.000
282.000	97.4029	279.5882	338.0299	3.4700	0.3124	0.5277	313.70	0.1721	218.3	31.77	0.6693	10.267	282.000
284.000	98.0899	280.2311	339.0858	3.4738	0.3124	0.5274	314.83	0.1732	219.6	32.21	0.6687	10.195	284.000
286.000	98.7867	280.8679	340.1399	3.4775	0.3124	0.5274	315.95	0.1742	220.9	32.63	0.6688	10.123	286.000
288.000	99.4934	281.4987	341.1949	3.4810	0.3124	0.5272	317.07	0.1752	222.2	33.06	0.6686	10.051	288.000
290.000	100.2103	282.1229	342.2491	3.4848	0.3124	0.5272	318.18	0.1762	223.5	33.49	0.6687	9.979	290.000
292.000	100.8976	282.7651	343.3033	3.4883	0.3122	0.5272	319.29	0.1772	224.8	33.91	0.6688	9.911	292.000
294.000	101.5931	283.4015	344.3574	3.4920	0.3122	0.5269	320.40	0.1782	226.1	34.36	0.6686	9.843	294.000
296.000	102.2989	284.0328	345.4113	3.4955	0.3122	0.5269	321.50	0.1792	227.3	34.79	0.6684	9.775	296.000
298.000	103.0146	284.6582	346.4649	3.4990	0.3122	0.5267	322.60	0.1802	228.6	35.25	0.6681	9.707	298.000
300.000	103.6974	285.2998	347.5182	3.5026	0.3122	0.5267	323.69	0.1811	229.9	35.66	0.6686	9.643	300.000
302.000	104.4328	285.9128	348.5716	3.5061	0.3122	0.5267	324.78	0.1821	231.2	36.11	0.6687	9.576	302.000
304.000	105.1348	286.5448	349.6247	3.5096	0.3122	0.5264	325.87	0.1831	232.5	36.57	0.6685	9.512	304.000
306.000	105.8011	287.1969	350.6776	3.5131	0.3122	0.5264	326.95	0.1841	233.7	37.00	0.6683	9.452	306.000
308.000	106.5215	287.8174	351.7302	3.5166	0.3122	0.5264	328.03	0.1851	235.0	37.45	0.6684	9.388	308.000
310.000	107.2057	288.4594	352.7828	3.5198	0.3122	0.5262	329.11	0.1861	236.3	37.92	0.6681	9.328	310.000
312.000	107.8989	289.0959	353.8352	3.5233	0.3122	0.5262	330.18	0.1870	237.5	38.35	0.6683	9.268	312.000
314.000	108.6011	289.7267	354.8873	3.5266	0.3122	0.5262	331.24	0.1880	238.8	38.80	0.6684	9.208	314.000
316.000	109.3124	290.3520	355.9395	3.5298	0.3122	0.5259	332.31	0.1890	240.0	39.28	0.6679	9.148	316.000
318.000	110.0332	290.9714	356.9913	3.5333	0.3122	0.5259	333.37	0.1899	241.3	39.73	0.6683	9.088	318.000
320.000	110.7145	291.6145	358.0432	3.5366	0.3122	0.5259	334.42	0.1909	242.5	40.19	0.6681	9.032	320.000
322.000	111.4843	292.2523	359.0948	3.5399	0.3122	0.5257	335.47	0.1919	243.8	40.67	0.6679	8.976	322.000
324.000	112.1827	292.8845	360.1462	3.5431	0.3122	0.5257	336.52	0.1928	245.0	41.11	0.6680	8.920	324.000
326.000	112.8186	293.5115	361.1975	3.5464	0.3122	0.5257	337.57	0.1938	246.3	41.59	0.6681	8.864	326.000

THERMODYNAMIC PROPERTIES OF ARGON

6.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
328.000	113.5263	294.1329	302.2487	3.5496	0.3122	0.5257	338.61	0.1947	247.5	42.05	0.6002	8.809	328.000
330.000	114.1996	294.7800	303.2998	3.5526	0.3122	0.5254	339.65	0.1957	248.7	42.53	0.6077	8.757	330.000
332.000	114.9336	295.3965	304.3506	3.5559	0.3122	0.5254	340.69	0.1967	250.0	43.03	0.6078	8.701	332.000
334.000	115.6238	296.0270	305.4012	3.5591	0.3122	0.5254	341.72	0.1976	251.2	43.48	0.6080	8.649	334.000
336.000	116.3222	296.6580	306.4521	3.5621	0.3122	0.5252	342.75	0.1986	252.4	43.99	0.6075	8.597	336.000
338.000	117.0292	297.2850	307.5025	3.5654	0.3122	0.5252	343.77	0.1995	253.6	44.46	0.6076	8.545	338.000
340.000	117.7448	297.9060	308.5529	3.5684	0.3122	0.5252	344.79	0.2004	254.8	44.93	0.6077	8.493	340.000
342.000	118.4132	298.5553	309.6032	3.5714	0.3122	0.5252	345.81	0.2014	256.0	45.41	0.6076	8.445	342.000
344.000	119.0892	299.1999	310.6534	3.5744	0.3122	0.5249	346.83	0.2023	257.2	45.89	0.6074	8.397	344.000
346.000	119.8383	299.8053	311.7034	3.5777	0.3122	0.5249	347.84	0.2033	258.5	46.41	0.6075	8.345	346.000
348.000	120.5226	300.4396	312.7533	3.5807	0.3122	0.5249	348.85	0.2042	259.7	46.88	0.6076	8.297	348.000
350.000	121.2236	301.0694	313.8032	3.5837	0.3122	0.5249	349.86	0.2051	260.9	47.36	0.6077	8.249	350.000
352.000	121.9315	301.6939	314.8528	3.5867	0.3122	0.5249	350.86	0.2061	262.0	47.87	0.6073	8.201	352.000
354.000	122.5884	302.3494	315.9024	3.5894	0.3122	0.5247	351.86	0.2070	263.2	48.36	0.6071	8.157	354.000
356.000	123.3138	302.9639	316.9518	3.5924	0.3122	0.5247	352.86	0.2079	264.4	48.86	0.6073	8.109	356.000
358.000	123.9849	303.6186	318.0014	3.5954	0.3122	0.5247	353.85	0.2088	265.6	49.34	0.6074	8.066	358.000
360.000	124.7262	304.2148	319.0505	3.5984	0.3122	0.5247	354.84	0.2097	266.8	49.85	0.6075	8.018	360.000
362.000	125.4135	304.8517	320.0999	3.6012	0.3122	0.5247	355.83	0.2107	268.0	50.36	0.6074	7.974	362.000
364.000	126.1085	305.4838	321.1490	3.6042	0.3122	0.5244	356.82	0.2116	269.2	50.88	0.6072	7.930	364.000
366.000	126.8113	306.1111	322.1978	3.6069	0.3122	0.5244	357.80	0.2125	270.3	51.38	0.6071	7.886	366.000
368.000	127.5219	306.7336	323.2467	3.6099	0.3122	0.5244	358.78	0.2134	271.5	51.89	0.6072	7.842	368.000
370.000	128.1748	307.3907	324.2956	3.6127	0.3122	0.5244	359.76	0.2143	272.7	52.38	0.6073	7.802	370.000
372.000	128.9008	308.0039	325.3444	3.6154	0.3122	0.5244	360.73	0.2152	273.8	52.89	0.6072	7.758	372.000
374.000	129.5698	308.6522	326.3930	3.6182	0.3122	0.5242	361.70	0.2161	275.0	53.42	0.6071	7.718	374.000
376.000	130.3100	309.2657	327.4417	3.6212	0.3122	0.5242	362.67	0.2170	276.2	53.95	0.6072	7.674	376.000
378.000	130.9919	309.8949	328.4900	3.6240	0.3122	0.5242	363.64	0.2179	277.3	54.45	0.6071	7.634	378.000
380.000	131.6809	310.5298	329.5384	3.6267	0.3122	0.5242	364.60	0.2188	278.5	54.97	0.6072	7.594	380.000
382.000	132.3773	311.1664	330.5868	3.6295	0.3122	0.5242	365.56	0.2197	279.6	55.48	0.6071	7.554	382.000
384.000	133.0810	311.7862	331.6349	3.6322	0.3122	0.5242	366.52	0.2206	280.8	56.01	0.6072	7.514	384.000
386.000	133.7923	312.4076	332.6830	3.6350	0.3122	0.5242	367.48	0.2215	281.9	56.54	0.6071	7.474	386.000
388.000	134.4398	313.0677	333.7311	3.6375	0.3122	0.5239	368.43	0.2224	283.1	57.07	0.6069	7.438	388.000
390.000	135.1649	313.6982	334.7792	3.6402	0.3122	0.5239	369.38	0.2233	284.2	57.61	0.6068	7.398	390.000
392.000	135.8258	314.3321	335.8271	3.6430	0.3122	0.5239	370.33	0.2242	285.4	58.12	0.6069	7.362	392.000
394.000	136.5068	314.9354	336.8749	3.6455	0.3122	0.5239	371.27	0.2251	286.5	58.67	0.6068	7.322	394.000
396.000	137.2398	315.5789	337.9228	3.6482	0.3122	0.5239	372.22	0.2260	287.6	59.20	0.6067	7.287	396.000
398.000	137.9203	316.2182	338.9704	3.6510	0.3122	0.5239	373.16	0.2268	288.8	59.70	0.6072	7.251	398.000
400.000	138.6077	316.8534	340.0180	3.6535	0.3122	0.5237	374.10	0.2277	289.9	60.27	0.6067	7.215	400.000

THERMODYNAMIC PROPERTIES OF ARGON

7.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
86.000	0.7126	72.0159	72.5148	1.3402	0.8892	1.3695	614.38	1.3087	2718.0	0.71	2.7196	1403.253	86.000
87.000	0.7158	73.3182	73.8112	1.3553	0.8496	1.2817	621.73	1.2966	2637.3	0.72	2.6196	1397.189	87.000
88.000	0.7189	74.5766	75.0798	1.3698	0.8143	1.2579	628.18	1.2731	2560.4	0.73	2.5298	1390.949	88.000
89.000	0.7221	75.8217	76.3272	1.3838	0.7828	1.2379	633.77	1.2561	2486.9	0.73	2.4508	1384.766	89.000
90.000	0.7254	77.0483	77.5561	1.3976	0.7545	1.2213	638.43	1.2394	2416.2	0.74	2.3818	1378.522	90.000
91.000	0.7287	78.2668	78.7769	1.4168	0.7294	1.2076	642.18	1.2231	2348.4	0.74	2.3186	1372.222	91.000
92.000	0.7321	79.4615	79.9748	1.4241	0.7067	1.1966	645.36	1.2072	2283.5	0.74	2.2634	1365.906	92.000
93.000	0.7356	80.6498	81.1645	1.4369	0.6861	1.1875	647.73	1.1916	2221.6	0.74	2.2134	1359.526	93.000
94.000	0.7391	81.8307	82.3488	1.4496	0.6679	1.1806	649.42	1.1763	2160.8	0.74	2.1696	1353.087	94.000
95.000	0.7426	83.0067	83.5268	1.4622	0.6513	1.1755	650.41	1.1613	2102.7	0.73	2.1285	1346.583	95.000
96.000	0.7463	84.1777	84.7001	1.4744	0.6363	1.1718	650.79	1.1465	2046.7	0.73	2.0918	1340.016	96.000
97.000	0.7500	85.3459	85.8709	1.4864	0.6228	1.1695	650.56	1.1319	1992.6	0.73	2.0588	1333.386	97.000
98.000	0.7538	86.5120	87.0396	1.4984	0.6105	1.1685	649.81	1.1176	1940.3	0.72	2.0287	1326.673	98.000
99.000	0.7576	87.6773	88.2077	1.5105	0.5993	1.1685	648.53	1.1035	1889.8	0.72	2.0011	1319.902	99.000
100.000	0.7616	88.8433	89.3764	1.5222	0.5893	1.1696	646.72	1.0895	1840.8	0.71	1.9766	1313.043	100.000
101.000	0.7656	90.0113	90.5472	1.5337	0.5806	1.1718	644.52	1.0757	1793.5	0.70	1.9524	1306.128	101.000
102.000	0.7698	91.1812	91.7208	1.5453	0.5715	1.1738	641.89	1.0621	1747.6	0.70	1.9314	1299.121	102.000
103.000	0.7740	92.3527	92.8945	1.5568	0.5637	1.1773	638.82	1.0486	1703.1	0.69	1.9121	1292.030	103.000
104.000	0.7783	93.5285	94.0733	1.5680	0.5567	1.1810	635.36	1.0352	1659.9	0.68	1.8937	1284.852	104.000
105.000	0.7827	94.7097	95.2576	1.5790	0.5502	1.1850	631.53	1.0220	1617.9	0.67	1.8772	1277.589	105.000
106.000	0.7873	95.8945	96.4456	1.5900	0.5440	1.1910	627.38	1.0089	1577.1	0.67	1.8618	1270.235	106.000
107.000	0.7919	97.0851	97.6394	1.6021	0.5384	1.1971	622.86	0.9959	1537.5	0.66	1.8481	1262.788	107.000
108.000	0.7967	98.2818	98.8395	1.6131	0.5334	1.2033	618.03	0.9829	1498.9	0.65	1.8358	1255.242	108.000
109.000	0.8015	99.4855	100.0466	1.6244	0.5287	1.2106	612.87	0.9701	1461.4	0.64	1.8237	1247.592	109.000
110.000	0.8066	100.6968	101.2614	1.6354	0.5242	1.2183	607.37	0.9573	1424.7	0.63	1.8132	1239.826	110.000
• 110.736	0.8103	101.5823	102.1495	1.6434	0.5214	1.2243	603.19	0.9488	1398.7	0.63	1.8064	1234.114	110.736
• 110.736	28.7499	221.1835	241.3884	2.8995	0.3893	0.7538	181.92	0.0836	94.1	3.19	0.8476	34.783	110.736
111.000	28.8460	221.3175	241.5097	2.9013	0.3883	0.7497	182.29	0.0837	94.3	3.22	0.8447	34.667	111.000
112.000	29.2402	221.7855	242.2537	2.9088	0.3845	0.7387	183.63	0.0841	95.0	3.33	0.8345	34.199	112.000
113.000	29.6278	222.2474	242.9869	2.9145	0.3810	0.7282	184.95	0.0845	95.8	3.44	0.8256	33.752	113.000
114.000	30.0150	222.6995	243.7101	2.9200	0.3777	0.7187	186.24	0.0849	96.5	3.55	0.8169	33.317	114.000
115.000	30.3977	223.1458	244.4242	2.9271	0.3747	0.7097	187.52	0.0853	97.3	3.65	0.8095	32.897	115.000
116.000	30.7752	223.5868	245.1294	2.9338	0.3717	0.7012	188.77	0.0857	98.0	3.76	0.8018	32.494	116.000
117.000	31.1505	224.0215	245.8268	2.9393	0.3690	0.6934	190.00	0.0861	98.8	3.87	0.7957	32.102	117.000
118.000	31.5232	224.4500	246.5162	2.9451	0.3665	0.6861	191.22	0.0866	99.6	3.98	0.7891	31.723	118.000
119.000	31.8927	224.8737	247.1986	2.9508	0.3640	0.6791	192.41	0.0870	100.3	4.09	0.7838	31.355	119.000
120.000	32.2584	225.2938	247.8747	2.9566	0.3617	0.6726	193.59	0.0874	101.1	4.19	0.7781	31.000	120.000
121.000	32.6242	225.7072	248.5441	2.9621	0.3595	0.6666	194.76	0.0879	101.8	4.30	0.7726	30.652	121.000
122.000	32.9853	226.1178	249.2075	2.9676	0.3575	0.6609	195.90	0.0883	102.6	4.41	0.7679	30.317	122.000
123.000	33.3456	226.5239	249.8658	2.9729	0.3555	0.6556	197.04	0.0888	103.4	4.52	0.7634	29.989	123.000
124.000	33.7002	226.9283	250.5184	2.9781	0.3537	0.6503	198.16	0.0893	104.1	4.63	0.7581	29.673	124.000
125.000	34.0579	227.3260	251.1665	2.9834	0.3520	0.6456	199.26	0.0897	104.9	4.73	0.7550	29.362	125.000
126.000	34.4090	227.7238	251.8101	2.9884	0.3502	0.6411	200.36	0.0902	105.6	4.84	0.7505	29.062	126.000
127.000	34.7626	228.1143	252.4482	2.9936	0.3487	0.6366	201.44	0.0907	106.4	4.95	0.7468	28.767	127.000
128.000	35.1137	228.5034	253.0830	2.9984	0.3470	0.6326	202.51	0.0912	107.2	5.06	0.7436	28.479	128.000

THERMODYNAMIC PROPERTIES OF ARGON

7.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
129.000	35.4619	228.8890	253.7131	3.0034	0.3457	0.6286	283.56	0.0917	107.9	5.17	0.7396	28.199	129.000
130.000	35.8068	229.2754	254.1481	3.0082	0.3442	0.6248	284.61	0.0922	108.7	5.28	0.7366	27.928	130.000
131.000	36.1533	229.6556	254.9629	3.0129	0.3429	0.6213	285.65	0.0926	109.5	5.39	0.7347	27.666	131.000
132.000	36.4959	230.0349	255.5826	3.0177	0.3417	0.6181	286.67	0.0931	110.2	5.50	0.7316	27.408	132.000
133.000	36.8397	230.4113	256.1996	3.0224	0.3404	0.6148	287.69	0.0936	111.0	5.61	0.7291	27.145	133.000
134.000	37.1789	230.7866	256.8119	3.0269	0.3394	0.6118	288.69	0.0941	111.8	5.72	0.7269	26.897	134.000
135.000	37.5188	231.1598	257.4219	3.0314	0.3384	0.6090	289.69	0.0947	112.5	5.83	0.7235	26.653	135.000
136.000	37.8593	231.5287	258.0302	3.0359	0.3374	0.6063	290.67	0.0952	113.3	5.94	0.7216	26.414	136.000
137.000	38.1943	231.8987	258.6347	3.0405	0.3364	0.6035	291.65	0.0957	114.1	6.06	0.7196	26.182	137.000
138.000	38.5294	232.2664	259.2370	3.0447	0.3354	0.6010	292.62	0.0962	114.8	6.17	0.7172	25.954	138.000
139.000	38.8644	232.6317	259.8368	3.0492	0.3344	0.5985	293.59	0.0967	115.6	6.28	0.7155	25.731	139.000
140.000	39.1991	232.9944	260.4338	3.0535	0.3337	0.5963	294.54	0.0972	116.4	6.39	0.7141	25.511	140.000
141.000	39.5334	233.3555	261.0288	3.0577	0.3329	0.5940	295.49	0.0977	117.1	6.50	0.7120	25.295	141.000
142.000	39.8671	233.7151	261.6221	3.0617	0.3322	0.5920	296.43	0.0982	117.9	6.61	0.7108	25.083	142.000
143.000	40.2000	234.0729	262.2129	3.0660	0.3314	0.5900	297.36	0.0988	118.7	6.73	0.7089	24.876	143.000
144.000	40.5320	234.4295	262.8019	3.0700	0.3307	0.5880	298.28	0.0993	119.4	6.84	0.7070	24.672	144.000
145.000	40.8631	234.7894	263.3886	3.0740	0.3299	0.5860	299.20	0.0998	120.2	6.96	0.7058	24.476	145.000
146.000	41.1955	235.1441	263.9739	3.0783	0.3292	0.5843	300.11	0.1003	121.0	7.07	0.7048	24.280	146.000
147.000	41.5282	235.4938	264.5572	3.0820	0.3287	0.5825	301.02	0.1009	121.7	7.19	0.7026	24.085	147.000
148.000	41.8464	235.8467	265.1392	3.0860	0.3282	0.5810	301.92	0.1014	122.5	7.30	0.7019	23.897	148.000
149.000	42.1787	236.1997	265.7192	3.0900	0.3274	0.5795	302.81	0.1019	123.3	7.42	0.7012	23.713	149.000
150.000	42.5091	236.5476	266.2977	3.0938	0.3269	0.5778	303.69	0.1024	124.0	7.53	0.6996	23.529	150.000
151.000	42.8273	236.8956	266.8747	3.0978	0.3264	0.5765	304.57	0.1030	124.8	7.65	0.6985	23.358	151.000
152.000	43.1521	237.2437	267.4502	3.1015	0.3259	0.5750	305.45	0.1035	125.6	7.77	0.6978	23.174	152.000
153.000	43.4744	237.5926	268.0247	3.1053	0.3254	0.5737	306.32	0.1040	126.3	7.88	0.6968	23.002	153.000
154.000	43.7938	237.9423	268.5979	3.1090	0.3249	0.5722	307.18	0.1046	127.1	8.01	0.6953	22.834	154.000
155.000	44.1188	238.2863	269.1689	3.1125	0.3244	0.5710	308.04	0.1051	127.9	8.12	0.6949	22.666	155.000
156.000	44.4478	238.6265	269.7394	3.1163	0.3242	0.5697	308.89	0.1056	128.6	8.24	0.6938	22.499	156.000
157.000	44.7649	238.9734	270.3089	3.1201	0.3237	0.5687	309.74	0.1062	129.4	8.36	0.6930	22.339	157.000
158.000	45.0874	239.3154	270.8766	3.1238	0.3232	0.5675	310.59	0.1067	130.2	8.48	0.6925	22.179	158.000
159.000	45.4064	239.6591	271.4436	3.1271	0.3229	0.5665	311.43	0.1072	130.9	8.59	0.6917	22.023	159.000
160.000	45.7299	239.9962	272.0091	3.1306	0.3224	0.5655	312.26	0.1078	131.7	8.72	0.6909	21.868	160.000
161.000	46.0496	240.3396	272.5743	3.1341	0.3222	0.5645	313.09	0.1083	132.4	8.83	0.6901	21.716	161.000
162.000	46.3651	240.6825	273.1381	3.1376	0.3219	0.5635	313.91	0.1089	133.2	8.95	0.6899	21.568	162.000
163.000	46.6851	241.0215	273.7010	3.1411	0.3214	0.5625	314.73	0.1094	134.0	9.08	0.6890	21.420	163.000
164.000	47.0095	241.3564	274.2630	3.1446	0.3212	0.5615	315.55	0.1099	134.7	9.20	0.6882	21.272	164.000
165.000	47.3294	241.6931	274.8238	3.1481	0.3209	0.5607	316.36	0.1105	135.5	9.33	0.6876	21.128	165.000
166.000	47.6447	242.0327	275.3840	3.1515	0.3207	0.5597	317.17	0.1110	136.2	9.45	0.6868	20.989	166.000
167.000	47.9648	242.3685	275.9435	3.1546	0.3204	0.5590	317.97	0.1115	137.0	9.57	0.6868	20.849	167.000
168.000	48.2798	242.7068	276.5020	3.1581	0.3199	0.5582	318.77	0.1121	137.8	9.70	0.6862	20.713	168.000
169.000	48.5974	243.0418	277.0592	3.1614	0.3197	0.5575	319.57	0.1126	138.5	9.82	0.6857	20.577	169.000
170.000	48.9188	243.3788	277.6164	3.1648	0.3194	0.5565	320.36	0.1132	139.3	9.95	0.6848	20.445	170.000
171.000	49.2282	243.7129	278.1726	3.1679	0.3192	0.5560	321.15	0.1137	140.0	10.07	0.6846	20.314	171.000
172.000	49.5466	244.0499	278.7278	3.1711	0.3192	0.5552	321.93	0.1142	140.8	10.19	0.6845	20.186	172.000
173.000	49.8567	244.3838	279.2828	3.1744	0.3189	0.5545	322.71	0.1148	141.5	10.32	0.6834	20.060	173.000

THERMODYNAMIC PROPERTIES OF ARGON

7.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
174.000	50.1755	244.7142	279.8378	3.1776	0.3187	0.5537	243.49	0.1153	142.3	16.45	0.6834	19.938	174.000
176.000	50.4892	245.8478	280.9963	3.1886	0.3184	0.5532	244.26	0.1159	143.0	16.58	0.6826	19.806	176.000
176.000	50.8069	246.9782	282.9438	3.1839	0.3182	0.5525	245.03	0.1164	143.8	16.70	0.6825	19.682	176.000
177.000	51.1181	246.7127	281.4954	3.1869	0.3179	0.5520	245.80	0.1170	144.5	16.84	0.6817	19.563	177.000
178.000	51.4332	246.8437	282.8469	3.1981	0.3179	0.5512	246.56	0.1175	145.3	16.96	0.6816	19.443	178.000
179.000	51.7522	246.3713	282.5979	3.1932	0.3177	0.5507	247.32	0.1180	146.0	11.09	0.6814	19.323	179.000
180.000	52.0644	246.7033	283.1483	3.1982	0.3174	0.5502	248.08	0.1186	146.8	11.22	0.6810	19.207	180.000
181.000	52.3693	247.0395	283.6980	3.1992	0.3174	0.5497	248.83	0.1191	147.5	11.35	0.6808	19.095	181.000
182.000	52.6898	247.3658	284.2473	3.2022	0.3172	0.5492	249.58	0.1197	148.3	11.48	0.6804	18.979	182.000
183.000	53.0014	247.6963	284.7962	3.2052	0.3169	0.5487	250.33	0.1202	149.0	11.61	0.6802	18.867	183.000
184.000	53.3175	248.0228	285.3442	3.2082	0.3169	0.5482	251.07	0.1208	149.8	11.75	0.6798	18.756	184.000
185.000	53.6258	248.3543	285.8924	3.2112	0.3167	0.5477	251.81	0.1213	150.5	11.88	0.6796	18.648	185.000
186.000	53.9378	248.6831	286.4396	3.2142	0.3164	0.5472	252.55	0.1219	151.3	12.02	0.6792	18.540	186.000
187.000	54.2535	249.0092	286.9866	3.2172	0.3164	0.5467	253.29	0.1224	152.0	12.15	0.6789	18.432	187.000
188.000	54.5609	249.3484	287.5330	3.2199	0.3162	0.5462	254.02	0.1229	152.8	12.28	0.6791	18.328	188.000
189.000	54.8719	249.6687	288.0790	3.2229	0.3162	0.5457	254.75	0.1235	153.5	12.42	0.6783	18.224	189.000
190.000	55.1864	249.9948	288.6245	3.2257	0.3159	0.5455	255.48	0.1240	154.2	12.55	0.6783	18.120	190.000
191.000	55.4922	250.3248	289.1694	3.2287	0.3159	0.5450	256.20	0.1246	155.0	12.69	0.6779	18.021	191.000
192.000	55.8015	250.6533	289.7144	3.2315	0.3157	0.5445	256.92	0.1251	155.7	12.82	0.6776	17.921	192.000
193.000	56.1142	250.9786	290.2586	3.2342	0.3157	0.5442	257.64	0.1257	156.5	12.96	0.6776	17.821	193.000
194.000	56.4304	251.3012	290.8026	3.2372	0.3157	0.5437	258.36	0.1262	157.2	13.10	0.6773	17.721	194.000
195.000	56.7374	251.6298	291.3468	3.2400	0.3154	0.5435	259.07	0.1267	157.9	13.23	0.6773	17.625	195.000
196.000	57.0477	251.9581	291.8905	3.2427	0.3154	0.5430	259.78	0.1273	158.7	13.36	0.6769	17.529	196.000
197.000	57.3483	252.2883	292.4322	3.2455	0.3152	0.5427	260.49	0.1278	159.4	13.50	0.6769	17.437	197.000
198.000	57.6654	252.6068	292.9746	3.2482	0.3152	0.5425	261.20	0.1284	160.1	13.65	0.6764	17.341	198.000
199.000	57.9725	252.9368	293.5168	3.2510	0.3152	0.5420	261.90	0.1289	160.9	13.79	0.6765	17.250	199.000
200.000	58.2836	253.2684	294.0585	3.2537	0.3149	0.5417	262.60	0.1295	161.6	13.93	0.6760	17.158	200.000
202.000	58.9073	253.8476	295.1457	3.2595	0.3149	0.5410	264.00	0.1305	163.1	14.23	0.6761	16.958	202.000
204.000	59.5155	254.4962	296.2271	3.2647	0.3147	0.5405	265.38	0.1316	164.5	14.52	0.6756	16.774	204.000
206.000	60.2323	255.1446	297.3073	3.2700	0.3144	0.5400	266.76	0.1327	166.0	14.80	0.6754	16.592	206.000
208.000	60.8628	255.7836	298.3864	3.2753	0.3144	0.5392	268.13	0.1338	167.4	15.10	0.6746	16.431	208.000
210.000	61.4748	256.4322	299.4645	3.2803	0.3142	0.5387	269.48	0.1349	168.9	15.39	0.6745	16.267	210.000
212.000	62.0947	257.0822	300.5414	3.2855	0.3142	0.5382	270.84	0.1360	170.3	15.69	0.6739	16.107	212.000
214.000	62.7008	257.7226	301.6176	3.2905	0.3139	0.5377	272.18	0.1370	171.8	15.98	0.6743	15.947	214.000
216.000	63.3254	258.3649	302.6927	3.2955	0.3139	0.5374	273.51	0.1381	173.2	16.27	0.6740	15.791	216.000
218.000	63.9481	259.0088	303.7669	3.3005	0.3137	0.5369	274.84	0.1392	174.6	16.58	0.6735	15.640	218.000
220.000	64.5581	259.6552	304.8403	3.3053	0.3137	0.5364	276.16	0.1403	176.1	16.88	0.6733	15.492	220.000
222.000	65.1719	260.2926	305.9129	3.3103	0.3137	0.5362	277.47	0.1413	177.5	17.17	0.6736	15.344	222.000
224.000	65.7713	260.9447	306.9846	3.3151	0.3134	0.5357	278.77	0.1424	178.9	17.48	0.6730	15.204	224.000
226.000	66.3993	261.5759	308.0555	3.3198	0.3134	0.5354	280.06	0.1435	180.3	17.80	0.6728	15.060	226.000
228.000	67.0036	262.2233	309.1259	3.3246	0.3134	0.5349	281.35	0.1446	181.7	18.11	0.6722	14.925	228.000
230.000	67.6196	262.8619	310.1952	3.3291	0.3132	0.5347	282.63	0.1456	183.1	18.41	0.6724	14.789	230.000
232.000	68.2272	263.5051	311.2641	3.3338	0.3132	0.5342	283.91	0.1467	184.5	18.74	0.6718	14.657	232.000
234.000	68.8464	264.1398	312.3323	3.3383	0.3132	0.5339	285.18	0.1477	185.9	19.04	0.6720	14.525	234.000
236.000	69.4577	264.7798	313.4001	3.3428	0.3132	0.5337	286.44	0.1488	187.3	19.37	0.6718	14.397	236.000

THERMODYNAMIC PROPERTIES OF ARGON

7.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
238.000	70.0603	265.4248	314.4670	3.3474	0.3129	0.5334	287.69	0.1499	188.7	19.69	0.6715	14.273	238.000
240.000	70.6735	266.0623	315.5337	3.3519	0.3129	0.5332	288.94	0.1509	190.1	20.00	0.6717	14.158	240.000
242.000	71.2772	266.7053	316.5993	3.3564	0.3129	0.5329	290.18	0.1520	191.5	20.33	0.6714	14.038	242.000
244.000	71.8913	267.3488	317.6647	3.3606	0.3129	0.5324	291.42	0.1530	192.9	20.66	0.6713	13.916	244.000
246.000	72.4961	267.9838	318.7298	3.3649	0.3129	0.5322	292.65	0.1541	194.3	20.99	0.6710	13.794	246.000
248.000	73.1091	268.6176	319.7946	3.3694	0.3129	0.5319	293.87	0.1551	195.7	21.32	0.6712	13.670	248.000
250.000	73.7118	269.2596	320.8578	3.3736	0.3127	0.5319	295.09	0.1562	197.0	21.64	0.6709	13.566	250.000
252.000	74.3247	269.8946	321.9212	3.3779	0.3127	0.5317	296.30	0.1572	198.4	21.97	0.6710	13.454	252.000
254.000	74.9477	270.5287	322.9841	3.3819	0.3127	0.5314	297.51	0.1583	199.8	22.32	0.6708	13.343	254.000
256.000	75.5357	271.1714	324.0465	3.3862	0.3127	0.5312	298.71	0.1593	201.1	22.65	0.6706	13.239	256.000
258.000	76.1582	271.7993	325.1086	3.3902	0.3127	0.5309	299.91	0.1603	202.5	22.99	0.6707	13.131	258.000
260.000	76.7634	272.4361	326.1705	3.3944	0.3127	0.5307	301.10	0.1614	203.8	23.35	0.6701	13.027	260.000
262.000	77.3883	273.0654	327.2316	3.3984	0.3127	0.5304	302.28	0.1624	205.2	23.69	0.6702	12.923	262.000
264.000	77.9830	273.7044	328.2925	3.4024	0.3127	0.5304	303.46	0.1634	206.5	24.02	0.6704	12.823	264.000
266.000	78.5951	274.3366	329.3531	3.4064	0.3124	0.5302	304.64	0.1645	207.9	24.39	0.6701	12.723	266.000
268.000	79.1918	274.9798	330.4133	3.4104	0.3124	0.5299	305.81	0.1655	209.2	24.73	0.6699	12.628	268.000
270.000	79.7977	275.6145	331.4729	3.4144	0.3124	0.5299	306.97	0.1665	210.5	25.07	0.6700	12.532	270.000
272.000	80.4129	276.2435	332.5325	3.4182	0.3124	0.5297	308.13	0.1675	211.9	25.43	0.6701	12.436	272.000
274.000	81.0115	276.8836	333.5917	3.4222	0.3124	0.5294	309.28	0.1685	213.2	25.78	0.6699	12.344	274.000
276.000	81.6196	277.5172	334.6505	3.4260	0.3124	0.5294	310.43	0.1695	214.5	26.13	0.6700	12.252	276.000
278.000	82.2087	278.1631	335.7092	3.4297	0.3124	0.5292	311.58	0.1706	215.8	26.50	0.6694	12.164	278.000
280.000	82.8344	278.7832	336.7673	3.4337	0.3124	0.5289	312.72	0.1716	217.1	26.87	0.6692	12.072	280.000
282.000	83.4418	279.4159	337.8252	3.4375	0.3124	0.5289	313.85	0.1726	218.5	27.23	0.6696	11.984	282.000
284.000	84.0366	280.0618	338.8828	3.4412	0.3124	0.5287	314.99	0.1736	219.8	27.59	0.6694	11.901	284.000
286.000	84.6266	280.7018	339.9404	3.4447	0.3124	0.5287	316.11	0.1746	221.1	27.95	0.6695	11.817	286.000
288.000	85.2317	281.3354	340.9975	3.4485	0.3124	0.5284	317.23	0.1756	222.4	28.32	0.6693	11.733	288.000
290.000	85.8455	281.9623	342.0541	3.4522	0.3124	0.5284	318.35	0.1766	223.7	28.69	0.6694	11.649	290.000
292.000	86.4383	282.6039	343.1108	3.4557	0.3124	0.5282	319.47	0.1776	225.0	29.06	0.6692	11.569	292.000
294.000	87.0697	283.2184	344.1671	3.4595	0.3124	0.5282	320.58	0.1786	226.3	29.44	0.6693	11.485	294.000
296.000	87.6490	283.8690	345.2233	3.4630	0.3122	0.5279	321.68	0.1796	227.5	29.82	0.6687	11.409	296.000
298.000	88.2671	284.4922	346.2791	3.4665	0.3122	0.5279	322.78	0.1806	228.8	30.19	0.6688	11.329	298.000
300.000	88.8624	285.1311	347.3348	3.4700	0.3122	0.5277	323.88	0.1815	230.1	30.56	0.6690	11.253	300.000
302.000	89.4658	285.7648	348.3901	3.4735	0.3122	0.5277	324.97	0.1825	231.4	30.94	0.6691	11.177	302.000
304.000	90.0775	286.3918	349.4453	3.4770	0.3122	0.5274	326.06	0.1835	232.6	31.34	0.6686	11.102	304.000
306.000	90.6648	287.0351	350.5004	3.4805	0.3122	0.5274	327.14	0.1845	233.9	31.72	0.6687	11.030	306.000
308.000	91.2930	287.6499	351.5550	3.4840	0.3122	0.5274	328.23	0.1855	235.2	32.11	0.6687	10.954	308.000
310.000	91.8963	288.2822	352.6096	3.4873	0.3122	0.5272	329.30	0.1864	236.4	32.49	0.6686	10.882	310.000
312.000	92.4734	288.9326	353.6640	3.4908	0.3122	0.5272	330.38	0.1874	237.7	32.87	0.6687	10.814	312.000
314.000	93.0924	289.5634	354.7181	3.4940	0.3122	0.5269	331.44	0.1884	239.0	33.28	0.6685	10.742	314.000
316.000	93.6847	290.1938	355.7722	3.4973	0.3122	0.5269	332.51	0.1894	240.2	33.67	0.6683	10.674	316.000
318.000	94.2845	290.8269	356.8261	3.5008	0.3122	0.5269	333.57	0.1903	241.5	34.05	0.6687	10.606	318.000
320.000	94.8921	291.4552	357.8797	3.5041	0.3122	0.5267	334.63	0.1913	242.7	34.47	0.6682	10.538	320.000
322.000	95.5076	292.0778	358.9331	3.5073	0.3122	0.5267	335.68	0.1922	244.0	34.85	0.6686	10.470	322.000
324.000	96.0942	292.7265	359.9865	3.5106	0.3122	0.5267	336.74	0.1932	245.2	35.25	0.6684	10.406	324.000
326.000	96.6881	293.3679	361.0396	3.5138	0.3122	0.5264	337.78	0.1942	246.4	35.67	0.6679	10.343	326.000

THERMODYNAMIC PROPERTIES OF ARGON

7.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
328.000	97.2893	293.9699	302.8925	3.5171	0.3122	0.5264	338.83	0.1951	247.7	36.06	0.6684	10.279	328.000
330.000	97.8981	294.6166	303.1453	3.5203	0.3122	0.5264	339.87	0.1961	248.9	36.47	0.6682	10.215	330.000
332.000	98.5145	295.2378	304.1979	3.5233	0.3122	0.5262	340.91	0.1970	250.1	36.88	0.6680	10.151	332.000
334.000	99.0995	295.8866	305.2503	3.5266	0.3122	0.5262	341.94	0.1980	251.3	37.29	0.6678	10.091	334.000
336.000	99.6915	296.5186	306.3027	3.5296	0.3122	0.5262	342.97	0.1989	252.6	37.68	0.6682	10.031	336.000
338.000	100.2906	297.1513	307.3548	3.5328	0.3122	0.5262	344.00	0.1998	253.8	38.08	0.6684	9.971	338.000
340.000	100.8970	297.7796	308.4069	3.5358	0.3122	0.5259	345.02	0.2008	255.0	38.52	0.6679	9.911	340.000
342.000	101.5107	298.4013	309.4588	3.5391	0.3122	0.5259	346.04	0.2017	256.2	38.93	0.6680	9.851	342.000
344.000	102.0983	299.0474	310.5107	3.5421	0.3122	0.5259	347.06	0.2027	257.4	39.35	0.6679	9.795	344.000
346.000	102.7187	299.6592	311.5623	3.5451	0.3122	0.5257	348.07	0.2036	258.6	39.78	0.6677	9.735	346.000
348.000	103.3122	300.2951	312.6136	3.5481	0.3122	0.5257	349.08	0.2045	259.8	40.19	0.6678	9.679	348.000
350.000	103.9126	300.9262	313.6650	3.5511	0.3122	0.5257	350.09	0.2055	261.0	40.62	0.6677	9.623	350.000
352.000	104.5200	301.5524	314.7164	3.5541	0.3122	0.5257	351.10	0.2064	262.2	41.04	0.6678	9.568	352.000
354.000	105.0984	302.2042	315.7675	3.5571	0.3122	0.5254	352.10	0.2073	263.4	41.46	0.6676	9.516	354.000
356.000	105.7118	302.8281	316.8183	3.5601	0.3122	0.5254	353.10	0.2082	264.6	41.89	0.6678	9.460	356.000
358.000	106.2953	303.4625	317.8692	3.5629	0.3122	0.5254	354.09	0.2092	265.8	42.32	0.6676	9.408	358.000
360.000	106.9318	304.0684	318.9201	3.5659	0.3122	0.5254	355.09	0.2101	267.0	42.76	0.6677	9.352	360.000
362.000	107.5281	304.7018	319.9707	3.5689	0.3122	0.5252	356.08	0.2110	268.1	43.20	0.6673	9.300	362.000
364.000	108.0852	305.3616	321.0213	3.5718	0.3122	0.5252	357.06	0.2119	269.3	43.61	0.6674	9.252	364.000
366.000	108.6954	305.9949	322.0717	3.5746	0.3122	0.5252	358.05	0.2128	270.5	44.04	0.6676	9.200	366.000
368.000	109.3124	306.6634	323.1220	3.5774	0.3122	0.5252	359.03	0.2137	271.7	44.48	0.6677	9.148	368.000
370.000	109.8883	307.2584	324.1721	3.5804	0.3122	0.5252	360.01	0.2146	272.8	44.90	0.6676	9.100	370.000
372.000	110.5196	307.8598	325.2223	3.5832	0.3122	0.5249	360.98	0.2155	274.0	45.37	0.6674	9.048	372.000
374.000	111.1076	308.4968	326.2721	3.5859	0.3122	0.5249	361.96	0.2164	275.2	45.80	0.6676	9.000	374.000
376.000	111.7026	309.1382	327.3220	3.5887	0.3122	0.5249	362.93	0.2173	276.3	46.24	0.6675	8.952	376.000
378.000	112.3039	309.7591	328.3719	3.5914	0.3122	0.5249	363.89	0.2182	277.5	46.68	0.6676	8.904	378.000
380.000	112.9118	310.3832	329.4215	3.5942	0.3122	0.5249	364.86	0.2191	278.6	47.13	0.6675	8.856	380.000
382.000	113.4748	311.0387	330.4711	3.5969	0.3122	0.5247	365.82	0.2200	279.8	47.58	0.6673	8.813	382.000
384.000	114.0955	311.6539	331.5207	3.5997	0.3122	0.5247	366.78	0.2209	280.9	48.04	0.6672	8.765	384.000
386.000	114.6784	312.3008	332.5701	3.6024	0.3122	0.5247	367.74	0.2218	282.1	48.47	0.6673	8.721	386.000
388.000	115.3042	312.9065	333.6194	3.6052	0.3122	0.5247	368.69	0.2227	283.2	48.94	0.6672	8.673	388.000
390.000	115.8914	313.5446	334.6686	3.6079	0.3122	0.5247	369.64	0.2236	284.4	49.39	0.6674	8.629	390.000
392.000	116.4946	314.1784	335.7177	3.6107	0.3122	0.5244	370.59	0.2245	285.5	49.87	0.6669	8.585	392.000
394.000	117.0839	314.8068	336.7668	3.6132	0.3122	0.5244	371.54	0.2254	286.6	50.32	0.6668	8.541	394.000
396.000	117.6894	315.4336	337.8156	3.6160	0.3122	0.5244	372.48	0.2263	287.8	50.78	0.6670	8.497	396.000
398.000	118.3012	316.0536	338.8645	3.6185	0.3122	0.5244	373.42	0.2271	288.9	51.23	0.6671	8.453	398.000
400.000	118.8638	316.7893	339.9134	3.6212	0.3122	0.5244	374.36	0.2280	290.0	51.68	0.6670	8.413	400.000

THERMODYNAMIC PROPERTIES OF ARGON

8.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
86.000	0.7124	71.9886	72.5586	1.3466	0.8864	1.3692	617.61	1.3695	2721.7	0.71	2.7211	1403.649	86.000
87.000	0.7156	73.2813	73.8538	1.3548	0.8474	1.2812	624.22	1.2914	2640.9	0.72	2.6200	1397.501	87.000
88.000	0.7187	74.5472	75.1222	1.3693	0.8123	1.2574	630.58	1.2739	2563.7	0.73	2.5305	1391.337	88.000
89.000	0.7219	75.7932	76.3766	1.3835	0.7808	1.2376	636.12	1.2568	2490.1	0.73	2.4521	1385.153	89.000
90.000	0.7252	77.0192	77.5994	1.3973	0.7525	1.2208	640.86	1.2402	2419.5	0.74	2.3817	1378.926	90.000
91.000	0.7285	78.2294	78.8122	1.4106	0.7274	1.2073	644.54	1.2239	2351.6	0.74	2.3197	1372.633	91.000
92.000	0.7319	79.4302	80.0158	1.4239	0.7049	1.1961	647.55	1.2079	2286.4	0.74	2.2640	1366.302	92.000
93.000	0.7353	80.6173	81.2056	1.4366	0.6844	1.1878	649.93	1.1924	2223.9	0.74	2.2139	1359.942	93.000
94.000	0.7388	81.7983	82.3894	1.4494	0.6661	1.1806	651.53	1.1771	2163.6	0.74	2.1690	1353.502	94.000
95.000	0.7424	82.9725	83.5664	1.4617	0.6498	1.1748	652.46	1.1620	2105.5	0.73	2.1287	1346.999	95.000
96.000	0.7460	84.1426	84.7394	1.4739	0.6348	1.1713	652.79	1.1473	2049.4	0.73	2.0922	1340.439	96.000
97.000	0.7497	85.3109	85.9107	1.4862	0.6213	1.1688	652.55	1.1327	1995.3	0.73	2.0588	1333.816	97.000
98.000	0.7535	86.4781	87.0759	1.4982	0.6093	1.1678	651.80	1.1184	1943.0	0.72	2.0288	1327.129	98.000
99.000	0.7574	87.6396	88.2455	1.5100	0.5988	1.1675	650.45	1.1043	1892.5	0.72	2.0008	1320.367	99.000
100.000	0.7613	88.8049	89.4148	1.5217	0.5886	1.1686	648.67	1.0903	1843.5	0.71	1.9758	1313.518	100.000
101.000	0.7653	89.9707	90.5836	1.5332	0.5798	1.1703	646.48	1.0765	1796.1	0.70	1.9526	1306.663	101.000
102.000	0.7695	91.1382	91.7538	1.5450	0.5705	1.1728	643.74	1.0629	1750.2	0.70	1.9311	1299.688	102.000
103.000	0.7737	92.3104	92.9293	1.5563	0.5627	1.1760	640.68	1.0494	1705.7	0.69	1.9115	1292.534	103.000
104.000	0.7780	93.4844	94.1068	1.5678	0.5555	1.1800	637.26	1.0361	1662.4	0.68	1.8933	1285.371	104.000
105.000	0.7824	94.6627	95.2886	1.5791	0.5490	1.1848	633.37	1.0229	1620.5	0.68	1.8770	1278.128	105.000
106.000	0.7869	95.8459	96.4754	1.5903	0.5430	1.1898	629.19	1.0098	1579.7	0.67	1.8613	1270.786	106.000
107.000	0.7915	97.0350	97.6682	1.6016	0.5374	1.1958	624.70	0.9968	1540.1	0.66	1.8476	1263.359	107.000
108.000	0.7963	98.2308	98.8678	1.6128	0.5324	1.2021	619.85	0.9838	1501.5	0.65	1.8346	1255.833	108.000
109.000	0.8012	99.4319	100.0728	1.6239	0.5277	1.2091	614.69	0.9710	1463.9	0.64	1.8228	1248.199	109.000
110.000	0.8062	100.6417	101.2867	1.6349	0.5234	1.2166	609.22	0.9582	1427.3	0.63	1.8122	1240.457	110.000
111.000	0.8113	101.8578	102.5066	1.6459	0.5194	1.2248	603.43	0.9455	1391.6	0.63	1.8027	1232.608	111.000
112.000	0.8166	103.0826	103.7359	1.6569	0.5157	1.2339	597.35	0.9328	1356.8	0.62	1.7947	1224.638	112.000
* 112.848	0.8211	104.1168	104.7737	1.6662	0.5127	1.2421	592.66	0.9222	1328.2	0.61	1.7890	1217.855	112.848
* 112.848	25.2701	221.1790	241.3951	2.8762	0.3948	0.7793	182.48	0.0866	96.3	2.81	0.8665	39.572	112.848
113.000	25.3186	221.2618	241.5167	2.8772	0.3946	0.7773	182.62	0.0866	96.5	2.82	0.8661	39.497	113.000
114.000	25.8744	221.7477	242.2872	2.8848	0.3906	0.7645	184.66	0.0878	97.2	2.92	0.8541	38.949	114.000
115.000	26.0268	222.2245	243.8466	2.8908	0.3863	0.7527	185.36	0.0873	97.9	3.02	0.8441	38.422	115.000
116.000	26.3758	222.6929	243.7929	2.8973	0.3827	0.7417	186.76	0.0877	98.7	3.12	0.8347	37.915	116.000
117.000	26.7185	223.1543	244.5291	2.9035	0.3795	0.7317	188.01	0.0881	99.4	3.22	0.8256	37.427	117.000
118.000	27.0564	223.6102	245.2553	2.9098	0.3762	0.7222	189.38	0.0885	100.2	3.32	0.8177	36.968	118.000
119.000	27.3939	224.0584	245.9735	2.9158	0.3732	0.7132	190.57	0.0889	100.9	3.41	0.8094	36.504	119.000
120.000	27.7277	224.5003	246.6824	2.9216	0.3705	0.7049	191.81	0.0893	101.7	3.51	0.8028	36.065	120.000
121.000	28.0602	224.9349	247.3831	2.9276	0.3680	0.6972	193.04	0.0897	102.4	3.61	0.7959	35.638	121.000
122.000	28.3888	225.3658	248.0762	2.9331	0.3655	0.6899	194.24	0.0901	103.2	3.71	0.7902	35.226	122.000
123.000	28.7136	225.7922	248.7631	2.9388	0.3630	0.6831	195.43	0.0906	103.9	3.81	0.7834	34.827	123.000
124.000	29.0367	226.2132	249.4425	2.9443	0.3607	0.6766	196.61	0.0910	104.7	3.91	0.7785	34.439	124.000
125.000	29.3582	226.6279	250.1161	2.9496	0.3587	0.6706	197.77	0.0914	105.4	4.00	0.7733	34.060	125.000
126.000	29.6778	227.0424	250.7848	2.9551	0.3567	0.6649	198.91	0.0919	106.2	4.10	0.7683	33.696	126.000
127.000	29.9935	227.4509	251.4456	2.9601	0.3547	0.6594	200.04	0.0923	106.9	4.20	0.7637	33.341	127.000
128.000	30.3094	227.8549	252.1025	2.9654	0.3530	0.6544	201.15	0.0928	107.7	4.30	0.7594	32.993	128.000

THERMODYNAMIC PROPERTIES OF ARGON

8.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
129.000	30.6246	228.2549	252.7546	2.9784	0.3512	0.6496	202.25	0.0932	108.5	4.39	0.7582	32.653	129.000
130.000	30.9349	228.6535	253.4814	2.9754	0.3497	0.6448	203.34	0.0937	109.2	4.50	0.7515	32.326	130.000
131.000	31.2438	229.0469	254.0448	2.9804	0.3482	0.6406	204.42	0.0942	110.0	4.59	0.7480	32.000	131.000
132.000	31.5550	229.4386	254.6826	2.9851	0.3467	0.6366	205.48	0.0947	110.7	4.69	0.7441	31.691	132.000
133.000	31.8682	229.8288	255.3169	2.9899	0.3452	0.6326	206.53	0.0951	111.5	4.79	0.7417	31.387	133.000
134.000	32.1672	230.2142	255.9488	2.9946	0.3439	0.6288	207.57	0.0956	112.3	4.89	0.7387	31.088	134.000
135.000	32.4718	230.5978	256.5745	2.9994	0.3427	0.6253	208.60	0.0961	113.0	4.99	0.7353	30.796	135.000
136.000	32.7737	230.9791	257.1981	3.0039	0.3414	0.6221	209.63	0.0966	113.8	5.09	0.7328	30.512	136.000
137.000	33.0768	231.3569	257.8184	3.0084	0.3404	0.6188	210.64	0.0971	114.6	5.19	0.7303	30.233	137.000
138.000	33.3767	231.7343	258.4357	3.0129	0.3392	0.6156	211.64	0.0976	115.3	5.29	0.7272	29.961	138.000
139.000	33.6776	232.1077	259.0497	3.0174	0.3382	0.6128	212.63	0.0980	116.1	5.39	0.7260	29.693	139.000
140.000	33.9747	232.4813	259.6611	3.0219	0.3372	0.6100	213.61	0.0985	116.8	5.49	0.7234	29.434	140.000
141.000	34.2724	232.8509	260.2698	3.0262	0.3362	0.6073	214.59	0.0990	117.6	5.59	0.7214	29.178	141.000
142.000	34.5706	233.2189	260.8764	3.0304	0.3354	0.6048	215.55	0.0995	118.4	5.69	0.7197	28.926	142.000
143.000	34.8643	233.5875	261.4789	3.0347	0.3344	0.6023	216.51	0.1000	119.1	5.79	0.7173	28.683	143.000
144.000	35.1630	233.9496	262.0800	3.0390	0.3337	0.6000	217.46	0.1006	119.9	5.90	0.7151	28.439	144.000
145.000	35.4569	234.3128	262.6785	3.0430	0.3329	0.5978	218.40	0.1011	120.7	6.00	0.7137	28.203	145.000
146.000	35.7455	234.6786	263.2750	3.0470	0.3319	0.5955	219.34	0.1016	121.4	6.10	0.7116	27.976	146.000
147.000	36.0388	235.0385	263.8695	3.0512	0.3314	0.5935	220.26	0.1021	122.2	6.20	0.7104	27.748	147.000
148.000	36.3317	235.3967	264.4620	3.0552	0.3307	0.5915	221.19	0.1026	122.9	6.30	0.7086	27.524	148.000
149.000	36.6241	235.7538	265.0526	3.0592	0.3299	0.5895	222.10	0.1031	123.7	6.41	0.7073	27.304	149.000
150.000	36.9163	236.1129	265.6411	3.0630	0.3292	0.5878	223.01	0.1036	124.5	6.51	0.7063	27.093	150.000
151.000	37.2010	236.4668	266.2276	3.0670	0.3287	0.5860	223.91	0.1041	125.2	6.61	0.7048	26.881	151.000
152.000	37.4987	236.8283	266.8120	3.0707	0.3282	0.5843	224.80	0.1046	126.0	6.71	0.7038	26.673	152.000
153.000	37.7793	237.1729	267.3964	3.0747	0.3274	0.5828	225.69	0.1052	126.8	6.82	0.7024	26.470	153.000
154.000	38.0665	237.5251	267.9784	3.0785	0.3269	0.5813	226.57	0.1057	127.5	6.92	0.7011	26.270	154.000
155.000	38.3523	237.8765	268.5584	3.0823	0.3264	0.5798	227.45	0.1062	128.3	7.03	0.7004	26.074	155.000
156.000	38.6424	238.2234	269.1374	3.0860	0.3259	0.5783	228.32	0.1067	129.0	7.13	0.6991	25.878	156.000
157.000	38.9248	238.5758	269.7149	3.0895	0.3254	0.5767	229.19	0.1072	129.8	7.23	0.6983	25.691	157.000
158.000	39.2114	238.9218	270.2909	3.0933	0.3249	0.5755	230.05	0.1078	130.6	7.34	0.6972	25.503	158.000
159.000	39.4968	239.2688	270.8656	3.0968	0.3247	0.5742	230.90	0.1083	131.3	7.45	0.6962	25.319	159.000
160.000	39.7784	239.6164	271.4391	3.1005	0.3242	0.5730	231.75	0.1088	132.1	7.55	0.6957	25.139	160.000
161.000	40.0649	239.9594	272.0114	3.1040	0.3237	0.5717	232.59	0.1093	132.8	7.66	0.6947	24.960	161.000
162.000	40.3490	240.3031	272.5823	3.1075	0.3234	0.5705	233.43	0.1099	133.6	7.77	0.6935	24.784	162.000
163.000	40.6306	240.6478	273.1523	3.1110	0.3229	0.5695	234.27	0.1104	134.3	7.88	0.6928	24.612	163.000
164.000	40.9095	240.9934	273.7211	3.1145	0.3227	0.5682	235.10	0.1109	135.1	7.98	0.6922	24.444	164.000
165.000	41.1923	241.3358	274.2888	3.1181	0.3222	0.5672	235.92	0.1115	135.9	8.10	0.6914	24.276	165.000
166.000	41.4789	241.6724	274.8555	3.1213	0.3219	0.5662	236.74	0.1120	136.6	8.20	0.6906	24.109	166.000
167.000	41.7557	242.0167	275.4213	3.1248	0.3217	0.5652	237.56	0.1125	137.4	8.31	0.6903	23.949	167.000
168.000	42.0362	242.3571	275.9860	3.1281	0.3212	0.5642	238.37	0.1130	138.1	8.42	0.6896	23.789	168.000
169.000	42.3264	242.6934	276.5498	3.1316	0.3209	0.5635	239.18	0.1136	138.9	8.53	0.6890	23.629	169.000
170.000	42.6013	243.0314	277.1125	3.1348	0.3207	0.5625	239.98	0.1141	139.6	8.64	0.6882	23.473	170.000
171.000	42.8786	243.3718	277.6747	3.1381	0.3204	0.5617	240.78	0.1146	140.4	8.75	0.6882	23.322	171.000
172.000	43.1596	243.7088	278.2357	3.1413	0.3202	0.5607	241.58	0.1152	141.1	8.87	0.6868	23.170	172.000
173.000	43.4366	244.0469	278.7962	3.1446	0.3199	0.5600	242.37	0.1157	141.9	8.97	0.6868	23.022	173.000

THERMODYNAMIC PROPERTIES OF ARGON

8.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
174.000	43.7173	244.3818	279.3557	3.1478	0.3197	0.5592	243.16	0.1162	142.6	9.08	0.6863	22.874	174.000
176.000	43.9939	244.7195	279.9146	3.1511	0.3194	0.5585	243.94	0.1168	143.4	9.20	0.6857	22.738	176.000
176.000	44.2748	245.0534	280.4726	3.1544	0.3192	0.5577	244.72	0.1173	144.1	9.31	0.6852	22.597	176.000
177.000	44.5498	245.3900	281.0298	3.1574	0.3189	0.5570	245.50	0.1178	144.9	9.42	0.6851	22.447	177.000
178.000	44.8291	245.7230	281.5863	3.1606	0.3187	0.5562	246.27	0.1184	145.6	9.54	0.6840	22.307	178.000
179.000	45.1087	246.0593	282.1423	3.1636	0.3184	0.5557	247.04	0.1189	146.4	9.65	0.6843	22.171	179.000
180.000	45.3817	246.3922	282.6975	3.1666	0.3182	0.5550	247.81	0.1194	147.1	9.76	0.6837	22.035	180.000
181.000	45.6548	246.7281	283.2520	3.1699	0.3182	0.5542	248.57	0.1200	147.9	9.89	0.6831	21.903	181.000
182.000	45.9313	247.0607	283.8057	3.1729	0.3179	0.5537	249.33	0.1205	148.6	10.00	0.6828	21.772	182.000
183.000	46.2111	247.3965	284.3594	3.1759	0.3177	0.5532	250.09	0.1210	149.4	10.11	0.6831	21.640	183.000
184.000	46.4857	247.7236	284.9121	3.1789	0.3174	0.5525	250.84	0.1216	150.1	10.23	0.6828	21.512	184.000
185.000	46.7636	248.0532	285.4641	3.1819	0.3174	0.5520	251.59	0.1221	150.8	10.34	0.6817	21.384	185.000
186.000	47.0360	248.3873	286.0161	3.1849	0.3172	0.5515	252.34	0.1227	151.6	10.47	0.6814	21.260	186.000
187.000	47.3116	248.7175	286.5668	3.1879	0.3169	0.5510	253.08	0.1232	152.3	10.58	0.6811	21.136	187.000
188.000	47.5813	249.0524	287.1175	3.1906	0.3169	0.5502	253.82	0.1237	153.1	10.70	0.6810	21.017	188.000
189.000	47.8634	249.3768	287.6674	3.1937	0.3167	0.5497	254.56	0.1243	153.8	10.82	0.6802	20.893	189.000
190.000	48.1382	249.7127	288.2169	3.1967	0.3167	0.5492	255.29	0.1248	154.6	10.94	0.6804	20.777	190.000
191.000	48.4095	250.0386	288.7661	3.1994	0.3164	0.5490	256.02	0.1253	155.3	11.05	0.6804	20.657	191.000
192.000	48.6825	250.3686	289.3146	3.2024	0.3164	0.5485	256.75	0.1259	156.0	11.18	0.6796	20.541	192.000
193.000	48.9586	250.6956	289.8625	3.2052	0.3162	0.5480	257.48	0.1264	156.8	11.29	0.6798	20.425	193.000
194.000	49.2282	251.0277	290.4102	3.2079	0.3162	0.5475	258.20	0.1270	157.5	11.42	0.6789	20.314	194.000
195.000	49.5008	251.3571	290.9577	3.2107	0.3159	0.5470	258.92	0.1275	158.2	11.54	0.6787	20.202	195.000
196.000	49.7764	251.6833	291.5044	3.2137	0.3159	0.5467	259.64	0.1280	159.0	11.65	0.6791	20.090	196.000
197.000	50.0451	252.0146	292.0507	3.2164	0.3157	0.5462	260.35	0.1286	159.7	11.78	0.6783	19.982	197.000
198.000	50.3268	252.3352	292.5966	3.2192	0.3157	0.5457	261.07	0.1291	160.4	11.91	0.6786	19.878	198.000
199.000	50.5912	252.6693	293.1423	3.2219	0.3154	0.5455	261.78	0.1296	161.2	12.02	0.6785	19.766	199.000
200.000	50.8688	252.9926	293.6875	3.2247	0.3154	0.5450	262.48	0.1302	161.9	12.15	0.6776	19.658	200.000
202.000	51.4061	253.5921	294.7869	3.2302	0.3152	0.5442	263.89	0.1312	163.4	12.41	0.6778	19.423	202.000
204.000	52.0319	254.2431	295.8806	3.2357	0.3149	0.5435	265.29	0.1323	164.8	12.67	0.6776	19.219	204.000
206.000	52.5783	254.8926	296.9553	3.2410	0.3149	0.5430	266.68	0.1334	166.3	12.92	0.6769	19.019	206.000
208.000	53.1251	255.5461	298.0402	3.2462	0.3147	0.5422	268.06	0.1345	167.7	13.18	0.6766	18.823	208.000
210.000	53.6683	256.1959	299.1241	3.2515	0.3144	0.5417	269.42	0.1355	169.2	13.42	0.6764	18.636	210.000
212.000	54.2065	256.8413	300.2065	3.2565	0.3144	0.5410	270.78	0.1366	170.6	13.69	0.6756	18.448	212.000
214.000	54.7618	257.4867	301.2882	3.2615	0.3142	0.5405	272.14	0.1377	172.0	13.95	0.6751	18.264	214.000
216.000	55.2961	258.1317	302.3686	3.2665	0.3142	0.5400	273.48	0.1388	173.5	14.21	0.6749	18.084	216.000
218.000	55.8264	258.7866	303.4477	3.2715	0.3139	0.5395	274.81	0.1398	174.9	14.47	0.6749	17.913	218.000
220.000	56.3669	259.4326	304.5261	3.2765	0.3139	0.5390	276.14	0.1409	176.3	14.74	0.6744	17.741	220.000
222.000	56.9188	260.0693	305.6038	3.2813	0.3139	0.5384	277.46	0.1420	177.7	15.01	0.6738	17.569	222.000
224.000	57.4536	260.7173	306.6802	3.2863	0.3137	0.5379	278.77	0.1430	179.2	15.27	0.6741	17.405	224.000
226.000	57.9866	261.3671	307.7558	3.2910	0.3137	0.5377	280.08	0.1441	180.6	15.54	0.6739	17.246	226.000
228.000	58.5283	262.0078	308.8305	3.2958	0.3134	0.5372	281.37	0.1451	182.0	15.81	0.6738	17.086	228.000
230.000	59.0669	262.6511	309.9046	3.3008	0.3134	0.5367	282.66	0.1462	183.4	16.09	0.6733	16.930	230.000
232.000	59.6013	263.2967	310.9778	3.3056	0.3134	0.5364	283.94	0.1473	184.8	16.37	0.6730	16.778	232.000
234.000	60.1455	263.9338	312.0502	3.3096	0.3134	0.5359	285.22	0.1483	186.2	16.64	0.6729	16.626	234.000
236.000	60.6850	264.5738	313.1218	3.3143	0.3132	0.5357	286.49	0.1494	187.6	16.92	0.6727	16.479	236.000

THERMODYNAMIC PROPERTIES OF ARGON

0.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
238.000	61.2192	265.2173	314.1927	3.3188	0.3132	0.5354	287.75	0.1584	189.0	17.20	0.6729	16.335	238.000
240.000	61.7630	265.8527	315.2631	3.3233	0.3132	0.5349	289.00	0.1515	190.4	17.49	0.6723	16.191	240.000
242.000	62.2855	266.5043	316.3327	3.3276	0.3132	0.5347	290.25	0.1525	191.8	17.76	0.6725	16.055	242.000
244.000	62.8327	267.1357	317.4019	3.3321	0.3129	0.5344	291.49	0.1536	193.1	18.06	0.6719	15.915	244.000
246.000	63.3575	267.7845	318.4706	3.3363	0.3129	0.5342	292.73	0.1546	194.5	18.34	0.6721	15.783	246.000
248.000	63.8911	268.4255	319.5384	3.3406	0.3129	0.5339	293.96	0.1556	195.9	18.62	0.6722	15.652	248.000
250.000	64.4338	269.0585	320.6055	3.3451	0.3129	0.5334	295.18	0.1567	197.3	18.93	0.6717	15.520	250.000
252.000	64.9696	269.6972	321.6724	3.3494	0.3129	0.5332	296.40	0.1577	198.6	19.22	0.6715	15.392	252.000
254.000	65.4959	270.3418	322.7385	3.3534	0.3127	0.5329	297.61	0.1588	200.0	19.52	0.6712	15.268	254.000
256.000	66.0315	270.9792	323.8044	3.3576	0.3127	0.5327	298.82	0.1598	201.3	19.81	0.6710	15.144	256.000
258.000	66.5759	271.6091	324.8698	3.3619	0.3127	0.5324	300.02	0.1608	202.7	20.11	0.6712	15.020	258.000
260.000	67.1114	272.2454	325.9344	3.3659	0.3127	0.5322	301.21	0.1618	204.0	20.40	0.6710	14.901	260.000
262.000	67.6372	272.8896	326.9988	3.3699	0.3127	0.5322	302.40	0.1629	205.4	20.70	0.6710	14.785	262.000
264.000	68.1714	273.5256	328.0627	3.3739	0.3127	0.5319	303.58	0.1639	206.7	21.00	0.6708	14.669	264.000
266.000	68.6952	274.1699	329.1261	3.3779	0.3127	0.5317	304.76	0.1649	208.1	21.31	0.6710	14.557	266.000
268.000	69.2463	274.7922	330.1892	3.3819	0.3127	0.5314	305.94	0.1659	209.4	21.62	0.6708	14.441	268.000
270.000	69.7674	275.4382	331.2521	3.3859	0.3124	0.5312	307.10	0.1670	210.7	21.93	0.6702	14.333	270.000
272.000	70.2964	276.0771	332.3142	3.3899	0.3124	0.5309	308.27	0.1680	212.1	22.24	0.6703	14.225	272.000
274.000	70.8335	276.7094	333.3761	3.3937	0.3124	0.5309	309.43	0.1690	213.4	22.55	0.6704	14.118	274.000
276.000	71.3584	277.3518	334.4377	3.3977	0.3124	0.5307	310.58	0.1700	214.7	22.86	0.6702	14.014	276.000
278.000	71.8913	277.9858	335.4989	3.4014	0.3124	0.5304	311.73	0.1710	216.0	23.18	0.6700	13.910	278.000
280.000	72.4321	278.6148	336.5598	3.4052	0.3124	0.5304	312.87	0.1720	217.3	23.49	0.6701	13.806	280.000
282.000	72.9599	279.2522	337.6201	3.4089	0.3124	0.5302	314.01	0.1730	218.7	23.81	0.6702	13.706	282.000
284.000	73.4954	279.8839	338.6803	3.4127	0.3124	0.5299	315.15	0.1740	220.0	24.13	0.6700	13.606	284.000
286.000	74.0178	280.5266	339.7401	3.4164	0.3124	0.5299	316.28	0.1750	221.3	24.44	0.6701	13.510	286.000
288.000	74.5468	281.1636	340.7996	3.4202	0.3124	0.5297	317.40	0.1760	222.6	24.77	0.6699	13.415	288.000
290.000	75.0826	281.7928	341.8589	3.4237	0.3124	0.5294	318.52	0.1770	223.9	25.10	0.6697	13.319	290.000
292.000	75.6042	282.4344	342.9178	3.4275	0.3124	0.5294	319.64	0.1780	225.2	25.42	0.6698	13.227	292.000
294.000	76.1338	283.0760	343.9764	3.4310	0.3124	0.5292	320.75	0.1790	226.4	25.75	0.6693	13.135	294.000
296.000	76.6693	283.6996	345.0350	3.4347	0.3124	0.5292	321.86	0.1800	227.7	26.08	0.6694	13.043	296.000
298.000	77.2133	284.3223	346.0929	3.4382	0.3122	0.5289	322.96	0.1810	229.0	26.42	0.6692	12.951	298.000
300.000	77.7468	284.9581	347.1506	3.4417	0.3122	0.5289	324.06	0.1820	230.3	26.75	0.6693	12.863	300.000
302.000	78.2512	285.6075	348.2084	3.4452	0.3122	0.5287	325.16	0.1829	231.6	27.07	0.6695	12.779	302.000
304.000	78.7938	286.2314	349.2658	3.4487	0.3122	0.5287	326.25	0.1839	232.8	27.41	0.6693	12.691	304.000
306.000	79.3173	286.8698	350.3229	3.4522	0.3122	0.5284	327.34	0.1849	234.1	27.75	0.6690	12.608	306.000
308.000	79.8486	287.5069	351.3798	3.4557	0.3122	0.5284	328.42	0.1859	235.4	28.09	0.6691	12.524	308.000
310.000	80.3871	288.1265	352.4362	3.4590	0.3122	0.5282	329.50	0.1868	236.6	28.43	0.6690	12.440	310.000
312.000	80.9067	288.7671	353.4925	3.4625	0.3122	0.5282	330.57	0.1878	237.9	28.77	0.6691	12.360	312.000
314.000	81.4331	289.4021	354.5486	3.4658	0.3122	0.5279	331.65	0.1888	239.1	29.12	0.6688	12.280	314.000
316.000	81.9664	290.0316	355.6043	3.4693	0.3122	0.5279	332.71	0.1897	240.4	29.45	0.6690	12.200	316.000
318.000	82.4796	290.6768	356.6604	3.4725	0.3122	0.5279	333.78	0.1907	241.6	29.79	0.6688	12.124	318.000
320.000	83.0267	291.2946	357.7160	3.4758	0.3122	0.5277	334.84	0.1917	242.9	30.16	0.6686	12.044	320.000
322.000	83.5532	291.9286	358.7711	3.4790	0.3122	0.5277	335.89	0.1926	244.1	30.50	0.6688	11.968	322.000
324.000	84.0865	292.5573	359.8265	3.4823	0.3122	0.5274	336.95	0.1936	245.4	30.86	0.6686	11.893	324.000
326.000	84.5986	293.2038	360.8814	3.4855	0.3122	0.5274	338.00	0.1945	246.6	31.20	0.6687	11.821	326.000

THERMODYNAMIC PROPERTIES OF ARGON

0.6 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
328.000	85.1447	293.8295	361.9362	3.4888	0.3122	0.5274	339.04	0.1956	247.8	31.56	0.6685	11.745	328.000
330.000	85.6692	294.4553	362.9966	3.4928	0.3122	0.5272	340.09	0.1964	249.1	31.92	0.6686	11.673	330.000
332.000	86.1795	295.1006	364.0450	3.4953	0.3122	0.5272	341.13	0.1974	250.3	32.27	0.6685	11.605	332.000
334.000	86.7078	295.7331	365.0994	3.4983	0.3122	0.5272	342.16	0.1983	251.5	32.62	0.6686	11.533	334.000
336.000	87.2518	296.3618	366.1532	3.5016	0.3122	0.5269	343.19	0.1993	252.7	33.00	0.6681	11.461	336.000
338.000	87.7719	296.9896	367.2071	3.5046	0.3122	0.5269	344.22	0.2002	253.9	33.35	0.6683	11.393	338.000
340.000	88.2982	297.6224	368.2610	3.5078	0.3122	0.5269	345.25	0.2011	255.2	33.70	0.6687	11.325	340.000
342.000	88.8389	298.2496	369.3143	3.5108	0.3122	0.5267	346.27	0.2021	256.4	34.09	0.6682	11.257	342.000
344.000	89.3381	298.8972	370.3677	3.5138	0.3122	0.5267	347.29	0.2030	257.6	34.43	0.6683	11.193	344.000
346.000	89.8835	299.5143	371.4211	3.5171	0.3122	0.5267	348.30	0.2039	258.8	34.80	0.6685	11.126	346.000
348.000	90.4026	300.1517	372.4739	3.5201	0.3122	0.5264	349.32	0.2049	260.0	35.19	0.6680	11.062	348.000
350.000	90.9282	300.7845	373.5271	3.5231	0.3122	0.5264	350.33	0.2058	261.2	35.55	0.6681	10.998	350.000
352.000	91.4598	301.4119	374.5797	3.5261	0.3122	0.5264	351.33	0.2067	262.4	35.91	0.6683	10.934	352.000
354.000	91.9838	302.0612	375.6323	3.5291	0.3122	0.5262	352.34	0.2076	263.5	36.28	0.6679	10.874	354.000
356.000	92.5076	302.6789	376.6849	3.5318	0.3122	0.5262	353.34	0.2086	264.7	36.67	0.6677	10.810	356.000
358.000	93.0232	303.3107	377.7373	3.5348	0.3122	0.5262	354.33	0.2095	265.9	37.04	0.6678	10.750	358.000
360.000	93.5446	303.9537	378.7894	3.5378	0.3122	0.5262	355.33	0.2104	267.1	37.40	0.6680	10.690	360.000
362.000	94.0719	304.5846	379.8415	3.5406	0.3122	0.5259	356.32	0.2113	268.3	37.79	0.6678	10.630	362.000
364.000	94.6052	305.2092	380.8934	3.5436	0.3122	0.5259	357.31	0.2122	269.5	38.17	0.6680	10.570	364.000
366.000	95.1446	305.8296	381.9453	3.5466	0.3122	0.5259	358.29	0.2131	270.6	38.55	0.6678	10.510	366.000
368.000	95.6536	306.4748	382.9969	3.5494	0.3122	0.5259	359.28	0.2140	271.8	38.92	0.6680	10.454	368.000
370.000	96.1680	307.1140	384.0485	3.5521	0.3122	0.5257	360.26	0.2150	273.0	39.33	0.6675	10.398	370.000
372.000	96.7254	307.7198	385.1001	3.5551	0.3122	0.5257	361.23	0.2159	274.1	39.73	0.6674	10.339	372.000
374.000	97.2515	308.3583	386.1515	3.5579	0.3122	0.5257	362.21	0.2168	275.3	40.11	0.6675	10.283	374.000
376.000	97.7452	309.0004	387.2026	3.5606	0.3122	0.5257	363.18	0.2177	276.5	40.48	0.6677	10.231	376.000
378.000	98.2825	309.6277	388.2537	3.5634	0.3122	0.5254	364.15	0.2186	277.6	40.89	0.6672	10.175	378.000
380.000	98.8257	310.2443	389.3048	3.5661	0.3122	0.5254	365.11	0.2195	278.8	41.28	0.6674	10.119	380.000
382.000	99.3365	310.8871	390.3554	3.5689	0.3122	0.5254	366.07	0.2203	279.9	41.65	0.6676	10.067	382.000
384.000	99.8566	311.5258	391.4063	3.5716	0.3122	0.5254	367.03	0.2212	281.1	42.04	0.6677	10.015	384.000
386.000	100.3711	312.1681	392.4569	3.5744	0.3122	0.5254	367.99	0.2221	282.2	42.43	0.6676	9.963	386.000
388.000	100.8978	312.7899	393.5075	3.5771	0.3122	0.5252	368.95	0.2230	283.4	42.84	0.6674	9.911	388.000
390.000	101.4285	313.4151	394.5579	3.5799	0.3122	0.5252	369.90	0.2239	284.5	43.24	0.6673	9.859	390.000
392.000	101.9656	314.0358	395.6083	3.5824	0.3122	0.5252	370.85	0.2248	285.6	43.65	0.6672	9.807	392.000
394.000	102.4864	314.6655	396.6586	3.5852	0.3122	0.5252	371.80	0.2257	286.8	44.04	0.6674	9.759	394.000
396.000	103.0146	315.2971	397.7087	3.5879	0.3122	0.5252	372.74	0.2266	287.9	44.45	0.6673	9.707	396.000
398.000	103.5258	315.9382	398.7589	3.5904	0.3122	0.5249	373.68	0.2274	289.0	44.85	0.6671	9.659	398.000
400.000	104.0422	316.5758	399.8087	3.5932	0.3122	0.5249	374.62	0.2283	290.2	45.25	0.6673	9.611	400.000

THERMODYNAMIC PROPERTIES OF ARGON

9.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
86.000	0.7122	71.9634	72.0044	1.3395	0.8839	1.3690	619.58	1.3103	2725.3	0.71	2.7225	1404.038	86.000
87.000	0.7164	73.2565	73.9063	1.3545	0.8451	1.2889	626.66	1.2922	2644.2	0.72	2.6211	1397.878	87.000
88.000	0.7185	74.5206	75.1667	1.3690	0.8101	1.2571	633.62	1.2747	2567.1	0.73	2.5317	1391.724	88.000
89.000	0.7217	75.7635	76.4131	1.3830	0.7788	1.2371	638.45	1.2576	2493.3	0.73	2.4527	1385.538	89.000
90.000	0.7250	76.9894	77.6419	1.3968	0.7507	1.2206	642.98	1.2409	2422.5	0.74	2.3828	1379.305	90.000
91.000	0.7283	78.2006	78.8555	1.4103	0.7254	1.2066	646.80	1.2246	2354.7	0.74	2.3200	1373.037	91.000
92.000	0.7317	79.3993	80.0570	1.4234	0.7032	1.1953	649.75	1.2087	2289.4	0.74	2.2640	1366.705	92.000
93.000	0.7351	80.5870	81.2486	1.4364	0.6829	1.1865	652.03	1.1931	2226.8	0.74	2.2146	1360.333	93.000
94.000	0.7386	81.7659	82.4307	1.4489	0.6646	1.1795	653.62	1.1778	2166.5	0.74	2.1697	1353.918	94.000
95.000	0.7422	82.9387	83.6067	1.4614	0.6481	1.1740	654.61	1.1628	2108.4	0.74	2.1288	1347.434	95.000
96.000	0.7458	84.1070	84.7782	1.4737	0.6333	1.1705	654.87	1.1480	2052.3	0.73	2.0926	1340.879	96.000
97.000	0.7495	85.2734	85.9468	1.4857	0.6201	1.1686	654.58	1.1335	1998.1	0.73	2.0589	1334.263	97.000
98.000	0.7533	86.4371	87.1150	1.4977	0.6078	1.1678	653.81	1.1192	1945.8	0.72	2.0289	1327.586	98.000
99.000	0.7571	87.6001	88.2815	1.5095	0.5968	1.1668	652.43	1.1051	1895.2	0.72	2.0018	1320.825	99.000
100.000	0.7610	88.7641	89.4498	1.5212	0.5868	1.1675	650.62	1.0911	1846.2	0.71	1.9765	1313.998	100.000
101.000	0.7651	89.9292	90.6178	1.5330	0.5778	1.1693	648.35	1.0774	1798.8	0.70	1.9522	1307.095	101.000
102.000	0.7692	91.0948	91.7871	1.5445	0.5692	1.1718	645.69	1.0638	1752.9	0.70	1.9308	1300.116	102.000
103.000	0.7734	92.2676	92.9636	1.5560	0.5615	1.1750	642.51	1.0503	1708.2	0.69	1.9111	1293.037	103.000
104.000	0.7777	93.4396	94.1389	1.5673	0.5545	1.1790	639.08	1.0370	1665.0	0.68	1.8930	1285.902	104.000
105.000	0.7821	94.6176	95.3214	1.5786	0.5480	1.1835	635.28	1.0237	1623.0	0.68	1.8764	1278.664	105.000
106.000	0.7866	95.7995	96.5075	1.5898	0.5420	1.1888	631.01	1.0106	1582.2	0.67	1.8612	1271.333	106.000
107.000	0.7912	96.9879	97.7000	1.6011	0.5367	1.1948	626.47	0.9976	1542.6	0.66	1.8472	1263.919	107.000
108.000	0.7959	98.1785	98.8948	1.6121	0.5314	1.2008	621.65	0.9847	1504.0	0.65	1.8341	1256.413	108.000
109.000	0.8008	99.3797	100.1004	1.6234	0.5267	1.2078	616.49	0.9719	1466.4	0.64	1.8224	1248.798	109.000
110.000	0.8057	100.5858	101.3102	1.6344	0.5224	1.2151	611.07	0.9592	1429.9	0.64	1.8113	1241.093	110.000
111.000	0.8109	101.8005	102.5303	1.6454	0.5184	1.2233	605.26	0.9465	1394.2	0.63	1.8020	1233.251	111.000
112.000	0.8161	103.0231	103.7578	1.6564	0.5147	1.2321	599.18	0.9338	1359.4	0.62	1.7937	1225.305	112.000
113.000	0.8215	104.2559	104.9952	1.6674	0.5114	1.2416	592.81	0.9212	1325.4	0.61	1.7864	1217.236	113.000
114.000	0.8271	105.4972	106.2416	1.6784	0.5082	1.2521	586.13	0.9086	1292.2	0.60	1.7808	1209.030	114.000
• 114.770	0.8315	106.4585	107.2069	1.6867	0.5059	1.2606	580.78	0.8989	1267.1	0.59	1.7778	1202.631	114.770
• 114.770	22.5275	221.1223	241.3971	2.8662	0.3998	0.8863	182.74	0.0894	98.5	2.58	0.8884	44.398	114.770
115.000	22.5946	221.2434	241.5785	2.8678	0.3988	0.8838	183.07	0.0896	98.6	2.62	0.8847	44.258	115.000
116.000	22.9215	221.7452	242.3746	2.8637	0.3945	0.7888	184.58	0.0898	99.4	2.61	0.8731	43.627	116.000
117.000	23.2428	222.2378	243.1564	2.8795	0.3905	0.7755	185.98	0.0902	100.1	2.78	0.8606	43.024	117.000
118.000	23.5600	222.7211	243.9251	2.8778	0.3868	0.7632	187.27	0.0905	100.8	2.79	0.8501	42.445	118.000
119.000	23.8723	223.1968	244.6831	2.8835	0.3832	0.7520	188.61	0.0909	101.6	2.89	0.8405	41.889	119.000
120.000	24.1837	223.6842	245.4296	2.8898	0.3800	0.7415	189.93	0.0912	102.3	2.97	0.8317	41.356	120.000
121.000	24.4889	224.1258	246.1658	2.8958	0.3767	0.7317	191.23	0.0916	103.1	3.07	0.8236	40.835	121.000
122.000	24.7945	224.5774	246.8925	2.9018	0.3740	0.7224	192.50	0.0920	103.8	3.16	0.8151	40.332	122.000
123.000	25.0963	225.0244	247.6101	2.9076	0.3712	0.7139	193.76	0.0924	104.5	3.25	0.8074	39.848	123.000
124.000	25.3931	225.4665	248.3203	2.9133	0.3685	0.7059	194.99	0.0928	105.3	3.34	0.8010	39.381	124.000
125.000	25.6876	225.9034	249.0222	2.9190	0.3660	0.6984	196.20	0.0932	106.0	3.43	0.7943	38.929	125.000
126.000	25.9808	226.3341	249.7169	2.9246	0.3637	0.6911	197.40	0.0936	106.8	3.52	0.7886	38.490	126.000
127.000	26.2726	226.7594	250.4048	2.9298	0.3615	0.6846	198.58	0.0940	107.5	3.61	0.7830	38.062	127.000
128.000	26.5625	227.1796	251.0859	2.9353	0.3592	0.6784	199.74	0.0944	108.3	3.70	0.7783	37.647	128.000

THERMODYNAMIC PROPERTIES OF ARGON

9.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
120.000	26.8503	227.5952	251.7005	2.9406	0.3572	0.6724	200.89	0.0949	109.0	3.79	0.7723	37.244	120.000
130.000	27.1355	228.0000	252.4306	2.9456	0.3555	0.6669	202.02	0.0953	109.8	3.88	0.7683	36.852	130.000
131.000	27.4179	228.4104	253.0945	2.9508	0.3537	0.6616	203.14	0.0958	110.5	3.97	0.7631	36.473	131.000
132.000	27.7001	228.8233	253.7534	2.9558	0.3520	0.6566	204.25	0.0962	111.3	4.06	0.7597	36.101	132.000
133.000	27.9818	229.2386	254.4072	2.9606	0.3502	0.6518	205.34	0.0967	112.0	4.15	0.7556	35.737	133.000
134.000	28.2598	229.6236	255.0568	2.9656	0.3487	0.6473	206.42	0.0971	112.8	4.24	0.7520	35.386	134.000
135.000	28.5369	230.0150	255.7012	2.9704	0.3472	0.6431	207.49	0.0976	113.5	4.33	0.7479	35.042	135.000
136.000	28.8128	230.4112	256.3427	2.9751	0.3457	0.6388	208.54	0.0980	114.3	4.42	0.7451	34.707	136.000
137.000	29.0873	230.8087	256.9793	2.9799	0.3444	0.6351	209.59	0.0985	115.1	4.51	0.7421	34.379	137.000
138.000	29.3602	231.1884	257.6126	2.9844	0.3432	0.6313	210.62	0.0990	115.8	4.60	0.7385	34.060	138.000
139.000	29.6313	231.5737	258.2419	2.9889	0.3419	0.6278	211.65	0.0994	116.6	4.69	0.7365	33.748	139.000
140.000	29.9039	231.9545	258.8688	2.9934	0.3409	0.6246	212.66	0.0999	117.3	4.78	0.7333	33.448	140.000
141.000	30.1742	232.3338	259.4906	2.9979	0.3397	0.6213	213.66	0.1004	118.1	4.88	0.7308	33.141	141.000
142.000	30.4421	232.7136	260.1109	3.0022	0.3387	0.6183	214.66	0.1009	118.8	4.97	0.7280	32.849	142.000
143.000	30.7118	233.0875	260.7274	3.0064	0.3377	0.6153	215.64	0.1014	119.6	5.06	0.7257	32.562	143.000
144.000	30.9778	233.4619	261.3412	3.0109	0.3367	0.6125	216.62	0.1019	120.4	5.15	0.7238	32.282	144.000
145.000	31.2438	233.8328	261.9523	3.0149	0.3357	0.6098	217.59	0.1023	121.1	5.24	0.7219	32.006	145.000
146.000	31.5113	234.2009	262.5611	3.0192	0.3349	0.6073	218.54	0.1028	121.9	5.33	0.7201	31.735	146.000
147.000	31.7763	234.5694	263.1671	3.0234	0.3339	0.6050	219.50	0.1033	122.6	5.43	0.7181	31.471	147.000
148.000	32.0396	234.9358	263.7707	3.0274	0.3332	0.6025	220.44	0.1038	123.4	5.52	0.7163	31.211	148.000
149.000	32.3061	235.3021	264.3722	3.0314	0.3324	0.6003	221.38	0.1043	124.1	5.61	0.7142	30.956	149.000
150.000	32.5648	235.6632	264.9715	3.0354	0.3317	0.5983	222.31	0.1048	124.9	5.70	0.7130	30.708	150.000
151.000	32.8253	236.0255	265.5682	3.0395	0.3309	0.5966	223.23	0.1053	125.7	5.80	0.7115	30.464	151.000
152.000	33.0856	236.3863	266.1633	3.0435	0.3304	0.5948	224.14	0.1058	126.4	5.89	0.7097	30.225	152.000
153.000	33.3456	236.7465	266.7565	3.0472	0.3297	0.5923	225.05	0.1063	127.2	5.98	0.7087	29.989	153.000
154.000	33.6052	237.1031	267.3478	3.0512	0.3289	0.5903	225.95	0.1068	127.9	6.08	0.7069	29.757	154.000
155.000	33.8644	237.4594	267.9373	3.0550	0.3284	0.5885	226.85	0.1073	128.7	6.17	0.7059	29.530	155.000
156.000	34.1229	237.8143	268.5248	3.0587	0.3279	0.5870	227.73	0.1078	129.5	6.27	0.7052	29.306	156.000
157.000	34.3806	238.1685	269.1111	3.0625	0.3274	0.5853	228.62	0.1084	130.2	6.37	0.7038	29.086	157.000
158.000	34.6375	238.5213	269.6951	3.0662	0.3267	0.5838	229.50	0.1089	131.0	6.46	0.7022	28.870	158.000
159.000	34.8934	238.8748	270.2781	3.0697	0.3262	0.5823	230.37	0.1094	131.7	6.56	0.7009	28.659	159.000
160.000	35.1482	239.2265	270.8598	3.0735	0.3257	0.5808	231.23	0.1099	132.5	6.65	0.7002	28.451	160.000
161.000	35.4067	239.5736	271.4396	3.0770	0.3254	0.5793	232.09	0.1104	133.2	6.75	0.6989	28.243	161.000
162.000	35.6589	239.9249	272.0179	3.0808	0.3249	0.5780	232.95	0.1109	134.0	6.84	0.6984	28.043	162.000
163.000	35.9147	240.2721	272.5964	3.0843	0.3244	0.5767	233.80	0.1114	134.7	6.94	0.6974	27.844	163.000
164.000	36.1696	240.6193	273.1714	3.0878	0.3239	0.5755	234.64	0.1119	135.5	7.03	0.6969	27.648	164.000
165.000	36.4216	240.9664	273.7458	3.0913	0.3237	0.5742	235.48	0.1125	136.2	7.14	0.6952	27.456	165.000
166.000	36.6723	241.3147	274.3199	3.0948	0.3232	0.5730	236.31	0.1130	137.0	7.23	0.6947	27.269	166.000
167.000	36.9266	241.6579	274.8918	3.0980	0.3229	0.5717	237.14	0.1135	137.7	7.33	0.6936	27.081	167.000
168.000	37.1789	242.0023	275.4633	3.1015	0.3224	0.5707	237.97	0.1140	138.5	7.43	0.6934	26.897	168.000
169.000	37.4346	242.3422	276.0334	3.1050	0.3222	0.5697	238.79	0.1145	139.3	7.52	0.6931	26.713	169.000
170.000	37.6826	242.6886	276.6023	3.1083	0.3219	0.5685	239.61	0.1151	140.0	7.63	0.6915	26.537	170.000
171.000	37.9338	243.0299	277.1703	3.1115	0.3214	0.5675	240.42	0.1156	140.8	7.73	0.6912	26.362	171.000
172.000	38.1885	243.3677	277.7373	3.1148	0.3212	0.5667	241.22	0.1161	141.5	7.82	0.6907	26.186	172.000
173.000	38.4347	243.7123	278.3035	3.1183	0.3209	0.5657	242.03	0.1166	142.3	7.92	0.6904	26.018	173.000

THERMODYNAMIC PROPERTIES OF ARGON

9.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
174.000	38.6842	244.0536	278.0688	3.1216	0.3207	0.5647	242.83	0.1171	143.0	8.02	0.6896	25.858	174.000
176.000	38.9369	244.3898	279.4338	3.1246	0.3204	0.5646	243.62	0.1177	143.7	8.13	0.6886	25.683	176.000
176.000	39.1868	244.7283	279.9965	3.1278	0.3202	0.5638	244.41	0.1182	144.5	8.23	0.6882	25.519	176.000
177.000	39.4337	245.0689	280.5592	3.1311	0.3199	0.5622	245.20	0.1187	145.2	8.33	0.6877	25.359	177.000
178.000	39.6838	245.4063	281.1207	3.1343	0.3197	0.5615	245.98	0.1192	146.0	8.42	0.6877	25.199	178.000
179.000	39.9307	245.7441	281.6817	3.1373	0.3194	0.5607	246.76	0.1198	146.7	8.53	0.6866	25.043	179.000
180.000	40.1806	246.0793	282.2419	3.1406	0.3192	0.5600	247.54	0.1203	147.5	8.63	0.6866	24.888	180.000
181.000	40.4272	246.4169	282.8014	3.1436	0.3189	0.5592	248.31	0.1208	148.2	8.73	0.6861	24.736	181.000
182.000	40.6769	246.7509	283.3601	3.1466	0.3187	0.5585	249.08	0.1213	149.0	8.83	0.6866	24.584	182.000
183.000	40.9229	247.0875	283.9181	3.1496	0.3184	0.5577	249.84	0.1219	149.7	8.94	0.6849	24.436	183.000
184.000	41.1719	247.4208	284.4756	3.1526	0.3182	0.5570	250.61	0.1224	150.4	9.05	0.6844	24.288	184.000
185.000	41.4172	247.7565	285.0326	3.1555	0.3182	0.5565	251.36	0.1229	151.2	9.15	0.6846	24.145	185.000
186.000	41.6654	248.0892	285.5888	3.1585	0.3179	0.5557	252.12	0.1235	151.9	9.26	0.6836	24.001	186.000
187.000	41.9096	248.4244	286.1438	3.1619	0.3177	0.5552	252.87	0.1240	152.7	9.36	0.6837	23.861	187.000
188.000	42.1585	248.7573	286.6982	3.1646	0.3174	0.5545	253.62	0.1245	153.4	9.47	0.6832	23.721	188.000
189.000	42.4065	249.0868	287.2527	3.1676	0.3174	0.5540	254.36	0.1251	154.1	9.58	0.6824	23.581	189.000
190.000	42.6521	249.4189	287.8059	3.1706	0.3172	0.5535	255.11	0.1256	154.9	9.68	0.6826	23.445	190.000
191.000	42.8933	249.7551	288.3591	3.1734	0.3169	0.5527	255.85	0.1261	155.6	9.79	0.6820	23.314	191.000
192.000	43.1447	250.0814	288.9116	3.1764	0.3169	0.5522	256.58	0.1266	156.3	9.89	0.6818	23.178	192.000
193.000	43.3848	250.4186	289.4635	3.1791	0.3167	0.5517	257.31	0.1272	157.1	10.00	0.6814	23.050	193.000
194.000	43.6335	250.7448	290.0150	3.1821	0.3167	0.5512	258.04	0.1277	157.8	10.11	0.6811	22.918	194.000
195.000	43.8783	251.0755	290.5660	3.1849	0.3164	0.5507	258.77	0.1282	158.5	10.21	0.6809	22.790	195.000
196.000	44.1186	251.4102	291.1164	3.1876	0.3164	0.5502	259.50	0.1288	159.3	10.33	0.6805	22.666	196.000
197.000	44.3682	251.7358	291.6664	3.1904	0.3162	0.5497	260.22	0.1293	160.0	10.44	0.6802	22.539	197.000
198.000	44.6064	252.0710	292.2159	3.1932	0.3162	0.5492	260.94	0.1298	160.7	10.54	0.6800	22.419	198.000
199.000	44.8532	252.3978	292.7648	3.1962	0.3159	0.5490	261.65	0.1304	161.5	10.65	0.6799	22.295	199.000
200.000	45.0956	252.7275	293.3135	3.1987	0.3159	0.5485	262.37	0.1309	162.2	10.76	0.6796	22.175	200.000
202.000	45.6465	253.3319	294.4107	3.2044	0.3157	0.5475	263.79	0.1319	163.7	11.00	0.6795	21.967	202.000
204.000	46.1344	253.9869	295.5079	3.2099	0.3154	0.5467	265.20	0.1330	165.1	11.22	0.6787	21.676	204.000
206.000	46.6155	254.6466	296.6046	3.2152	0.3152	0.5460	266.60	0.1341	166.6	11.45	0.6783	21.452	206.000
208.000	47.1068	255.2956	297.6917	3.2204	0.3149	0.5452	267.98	0.1351	168.0	11.67	0.6780	21.228	208.000
210.000	47.5984	255.9581	298.7814	3.2257	0.3149	0.5445	269.36	0.1362	169.4	11.91	0.6772	21.013	210.000
212.000	48.0748	256.6023	299.8696	3.2310	0.3147	0.5440	270.73	0.1373	170.9	12.13	0.6771	20.801	212.000
214.000	48.5597	257.2538	300.9567	3.2360	0.3147	0.5432	272.10	0.1383	172.3	12.36	0.6767	20.593	214.000
216.000	49.0458	257.9022	302.0426	3.2410	0.3144	0.5427	273.45	0.1394	173.7	12.60	0.6762	20.389	216.000
218.000	49.5302	258.5499	303.1270	3.2460	0.3142	0.5420	274.79	0.1404	175.2	12.83	0.6763	20.190	218.000
220.000	50.0151	259.1969	304.2104	3.2510	0.3142	0.5415	276.13	0.1415	176.6	13.07	0.6758	19.994	220.000
222.000	50.4994	259.8434	305.2929	3.2557	0.3139	0.5410	277.46	0.1426	178.0	13.31	0.6752	19.802	222.000
224.000	50.9724	260.4991	306.3743	3.2607	0.3139	0.5405	278.77	0.1436	179.4	13.54	0.6752	19.618	224.000
226.000	51.4544	261.1455	307.4544	3.2655	0.3139	0.5400	280.09	0.1447	180.8	13.79	0.6747	19.435	226.000
228.000	51.9455	261.7828	308.5338	3.2703	0.3137	0.5395	281.39	0.1457	182.2	14.03	0.6746	19.251	228.000
230.000	52.4242	262.4387	309.6125	3.2750	0.3137	0.5390	282.69	0.1468	183.6	14.28	0.6741	19.075	230.000
232.000	52.9006	263.0794	310.6899	3.2795	0.3134	0.5384	283.98	0.1478	185.0	14.52	0.6740	18.903	232.000
234.000	53.3857	263.7194	311.7665	3.2843	0.3134	0.5382	285.26	0.1489	186.4	14.77	0.6737	18.732	234.000
236.000	53.8566	264.3712	312.8422	3.2888	0.3134	0.5377	286.53	0.1499	187.8	15.01	0.6736	18.568	236.000

THERMODYNAMIC PROPERTIES OF ARGON

9.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
238.000	54.3359	265.6156	313.9173	3.2933	0.3134	0.5374	287.80	0.1510	189.2	15.27	0.6734	18.404	238.000
240.000	54.8238	265.6503	314.9917	3.2978	0.3132	0.5369	289.06	0.1520	190.6	15.52	0.6733	18.248	240.000
242.000	55.2961	266.2986	316.0651	3.3023	0.3132	0.5367	290.32	0.1531	192.0	15.77	0.6731	18.094	242.000
244.000	55.7766	266.9391	317.1388	3.3068	0.3132	0.5362	291.56	0.1541	193.4	16.03	0.6729	17.929	244.000
246.000	56.2529	267.5826	318.2102	3.3111	0.3132	0.5359	292.80	0.1551	194.7	16.28	0.6728	17.777	246.000
248.000	56.7374	268.2179	319.2816	3.3153	0.3129	0.5357	294.04	0.1562	196.1	16.54	0.6725	17.625	248.000
250.000	57.2242	268.8687	320.3524	3.3196	0.3129	0.5352	295.27	0.1572	197.5	16.80	0.6724	17.481	250.000
252.000	57.6928	269.5001	321.4229	3.3241	0.3129	0.5349	296.49	0.1582	198.9	17.06	0.6726	17.333	252.000
254.000	58.1611	270.1472	322.4922	3.3281	0.3129	0.5347	297.71	0.1593	200.2	17.33	0.6726	17.194	254.000
256.000	58.6388	270.7872	323.5614	3.3323	0.3129	0.5344	298.92	0.1603	201.6	17.59	0.6721	17.054	256.000
258.000	59.1227	271.4193	324.6297	3.3366	0.3127	0.5342	300.12	0.1613	202.9	17.85	0.6720	16.914	258.000
260.000	59.5871	272.0695	325.6979	3.3406	0.3127	0.5339	301.32	0.1623	204.3	18.11	0.6721	16.782	260.000
262.000	60.0733	272.6996	326.7655	3.3448	0.3127	0.5337	302.52	0.1634	205.6	18.39	0.6715	16.646	262.000
264.000	60.5382	273.3481	327.8324	3.3489	0.3127	0.5334	303.71	0.1644	207.0	18.66	0.6717	16.518	264.000
266.000	61.0252	273.9761	328.8988	3.3529	0.3127	0.5332	304.89	0.1654	208.3	18.93	0.6715	16.387	266.000
268.000	61.4899	274.6248	329.9649	3.3569	0.3127	0.5329	306.07	0.1664	209.6	19.20	0.6713	16.263	268.000
270.000	61.9771	275.2589	331.0303	3.3609	0.3127	0.5327	307.24	0.1674	211.0	19.48	0.6714	16.135	270.000
272.000	62.4469	275.8987	332.0965	3.3648	0.3127	0.5324	308.41	0.1684	212.3	19.75	0.6712	16.015	272.000
274.000	62.9116	276.5396	333.1601	3.3688	0.3124	0.5322	309.57	0.1694	213.6	20.03	0.6711	15.895	274.000
276.000	63.3896	277.1738	334.2245	3.3724	0.3124	0.5319	310.73	0.1704	214.9	20.31	0.6709	15.775	276.000
278.000	63.8748	277.8068	335.2881	3.3764	0.3124	0.5319	311.88	0.1715	216.2	20.59	0.6706	15.658	278.000
280.000	64.3345	278.4587	336.3517	3.3801	0.3124	0.5317	313.03	0.1725	217.6	20.87	0.6707	15.544	280.000
282.000	64.8176	279.0788	337.4146	3.3839	0.3124	0.5314	314.17	0.1735	218.9	21.16	0.6705	15.428	282.000
284.000	65.2909	279.7157	338.4775	3.3877	0.3124	0.5312	315.31	0.1745	220.2	21.45	0.6703	15.316	284.000
286.000	65.7548	280.3613	339.5399	3.3914	0.3124	0.5312	316.44	0.1754	221.5	21.71	0.6700	15.208	286.000
288.000	66.2412	280.9847	340.6018	3.3952	0.3124	0.5309	317.57	0.1764	222.8	22.01	0.6700	15.096	288.000
290.000	66.7001	281.6333	341.6634	3.3987	0.3124	0.5307	318.69	0.1774	224.1	22.30	0.6704	14.992	290.000
292.000	67.1834	282.2597	342.7248	3.4024	0.3124	0.5307	319.81	0.1784	225.3	22.58	0.6702	14.885	292.000
294.000	67.6555	282.8957	343.7856	3.4059	0.3124	0.5304	320.93	0.1794	226.6	22.88	0.6700	14.781	294.000
296.000	68.1343	283.5254	344.8463	3.4097	0.3124	0.5302	322.04	0.1804	227.9	23.18	0.6698	14.677	296.000
298.000	68.6011	284.1657	345.9067	3.4132	0.3124	0.5302	323.14	0.1814	229.2	23.47	0.6699	14.577	298.000
300.000	69.0743	284.7999	346.9668	3.4167	0.3124	0.5299	324.25	0.1824	230.5	23.77	0.6697	14.477	300.000
302.000	69.5348	285.4451	348.0264	3.4202	0.3122	0.5299	325.34	0.1833	231.8	24.05	0.6702	14.381	302.000
304.000	70.0211	286.0668	349.0858	3.4237	0.3122	0.5297	326.44	0.1843	233.0	24.36	0.6697	14.281	304.000
306.000	70.4943	286.7063	350.1452	3.4272	0.3122	0.5294	327.53	0.1853	234.3	24.67	0.6694	14.186	306.000
308.000	70.9539	287.3456	351.2041	3.4307	0.3122	0.5294	328.61	0.1862	235.5	24.95	0.6696	14.094	308.000
310.000	71.4195	287.9851	352.2627	3.4342	0.3122	0.5292	329.69	0.1872	236.8	25.26	0.6694	14.002	310.000
312.000	71.8913	288.6189	353.3210	3.4375	0.3122	0.5292	330.77	0.1882	238.1	25.57	0.6695	13.910	312.000
314.000	72.3693	289.2468	354.3792	3.4410	0.3122	0.5289	331.85	0.1891	239.3	25.87	0.6694	13.818	314.000
316.000	72.8325	289.8878	355.4370	3.4442	0.3122	0.5289	332.92	0.1901	240.6	26.18	0.6694	13.730	316.000
318.000	73.3017	290.5231	356.4947	3.4475	0.3122	0.5287	333.98	0.1911	241.8	26.50	0.6690	13.642	318.000
320.000	73.7778	291.1538	357.5523	3.4507	0.3122	0.5287	335.05	0.1920	243.1	26.79	0.6694	13.554	320.000
322.000	74.2585	291.7768	358.6094	3.4542	0.3122	0.5284	336.10	0.1930	244.3	27.12	0.6689	13.466	322.000
324.000	74.7248	292.4147	359.6663	3.4575	0.3122	0.5284	337.16	0.1939	245.5	27.42	0.6691	13.383	324.000
326.000	75.1954	293.0473	360.7232	3.4607	0.3122	0.5284	338.21	0.1949	246.8	27.73	0.6692	13.299	326.000

THERMODYNAMIC PROPERTIES OF ARGON

9.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
328.000	76.6727	293.6743	301.7798	3.4648	0.3122	0.5282	339.26	0.1958	248.0	28.06	0.6690	13.215	328.000
330.000	76.1338	294.3162	302.8359	3.4678	0.3122	0.5282	340.30	0.1968	249.2	28.37	0.6688	13.136	330.000
332.000	76.5998	294.9529	303.8920	3.4703	0.3122	0.5279	341.34	0.1977	250.4	28.68	0.6687	13.055	332.000
334.000	77.0706	295.5846	304.9482	3.4736	0.3122	0.5279	342.38	0.1987	251.7	29.01	0.6688	12.975	334.000
336.000	77.5461	296.2164	306.0038	3.4765	0.3122	0.5279	343.42	0.1996	252.9	29.32	0.6689	12.895	336.000
338.000	78.0073	296.8528	307.0594	3.4790	0.3122	0.5277	344.45	0.2005	254.1	29.64	0.6688	12.819	338.000
340.000	78.4719	297.4901	308.1148	3.4820	0.3122	0.5277	345.47	0.2015	255.3	29.96	0.6686	12.743	340.000
342.000	78.9421	298.1220	309.1699	3.4850	0.3122	0.5274	346.50	0.2024	256.5	30.29	0.6684	12.668	342.000
344.000	79.4186	298.7486	310.2248	3.4880	0.3122	0.5274	347.52	0.2033	257.7	30.61	0.6686	12.592	344.000
346.000	79.8996	299.3700	311.2796	3.4920	0.3122	0.5274	348.54	0.2043	258.9	30.95	0.6684	12.516	346.000
348.000	80.3813	300.0091	312.3343	3.4950	0.3122	0.5272	349.55	0.2052	260.1	31.28	0.6682	12.444	348.000
350.000	80.8284	300.6434	313.3889	3.4980	0.3122	0.5272	350.56	0.2061	261.3	31.60	0.6684	12.372	350.000
352.000	81.3009	301.2722	314.4436	3.5011	0.3122	0.5272	351.57	0.2071	262.5	31.94	0.6682	12.300	352.000
354.000	81.7528	301.9203	315.4974	3.5041	0.3122	0.5269	352.57	0.2080	263.7	32.27	0.6680	12.232	354.000
356.000	82.2357	302.5391	316.5512	3.5071	0.3122	0.5269	353.58	0.2089	264.9	32.60	0.6682	12.160	356.000
358.000	82.6975	303.1774	317.6051	3.5101	0.3122	0.5269	354.57	0.2098	266.1	32.93	0.6683	12.092	358.000
360.000	83.1646	303.8106	318.6588	3.5131	0.3122	0.5267	355.57	0.2107	267.3	33.27	0.6682	12.024	360.000
362.000	83.6370	304.4391	319.7124	3.5158	0.3122	0.5267	356.56	0.2116	268.4	33.60	0.6681	11.956	362.000
364.000	84.1147	305.0625	320.7657	3.5188	0.3122	0.5267	357.55	0.2125	269.6	33.94	0.6682	11.889	364.000
366.000	84.5694	305.7004	321.8188	3.5218	0.3122	0.5267	358.54	0.2135	270.8	34.28	0.6680	11.825	366.000
368.000	85.0298	306.3458	322.8719	3.5246	0.3122	0.5264	359.52	0.2144	272.0	34.63	0.6679	11.761	368.000
370.000	85.5229	306.9645	323.9251	3.5278	0.3122	0.5264	360.50	0.2153	273.1	34.98	0.6678	11.693	370.000
372.000	85.9929	307.5848	324.9777	3.5301	0.3122	0.5264	361.48	0.2162	274.3	35.32	0.6679	11.629	372.000
374.000	86.4383	308.2361	326.0306	3.5331	0.3122	0.5264	362.46	0.2171	275.4	35.65	0.6678	11.569	374.000
376.000	86.9186	308.8562	327.0829	3.5358	0.3122	0.5262	363.43	0.2180	276.6	36.01	0.6676	11.505	376.000
378.000	87.3736	309.4993	328.1356	3.5386	0.3122	0.5262	364.40	0.2189	277.8	36.35	0.6678	11.445	378.000
380.000	87.8643	310.1898	329.1877	3.5414	0.3122	0.5262	365.36	0.2198	278.9	36.70	0.6677	11.381	380.000
382.000	88.3294	310.7436	330.2400	3.5441	0.3122	0.5262	366.33	0.2206	280.1	37.03	0.6681	11.321	382.000
384.000	88.7994	311.3725	331.2919	3.5469	0.3122	0.5259	367.29	0.2215	281.2	37.40	0.6677	11.261	384.000
386.000	89.2426	312.0257	332.3440	3.5496	0.3122	0.5259	368.25	0.2224	282.4	37.74	0.6678	11.205	386.000
388.000	89.7224	312.6458	333.3959	3.5524	0.3122	0.5259	369.20	0.2233	283.5	38.09	0.6677	11.145	388.000
390.000	90.1749	313.2981	334.4475	3.5551	0.3122	0.5259	370.16	0.2242	284.6	38.44	0.6676	11.090	390.000
392.000	90.6648	313.9666	335.4989	3.5578	0.3122	0.5257	371.11	0.2251	285.8	38.82	0.6674	11.038	392.000
394.000	91.1268	314.5363	336.5505	3.5604	0.3122	0.5257	372.06	0.2260	286.9	39.18	0.6673	10.974	394.000
396.000	91.5937	315.1676	337.6019	3.5631	0.3122	0.5257	373.00	0.2268	288.0	39.52	0.6675	10.918	396.000
398.000	92.0653	315.7943	338.6530	3.5656	0.3122	0.5257	373.95	0.2277	289.2	39.88	0.6677	10.862	398.000
400.000	92.5076	316.4475	339.7043	3.5684	0.3122	0.5254	374.89	0.2286	290.3	40.25	0.6672	10.810	400.000

THERMODYNAMIC PROPERTIES OF ARGON

10.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
86.000	0.7120	71.9361	72.6482	1.3392	0.8814	1.3867	622.11	1.3111	2728.8	0.71	2.7238	1404.416	86.000
87.000	0.7152	73.2282	73.9434	1.3543	0.8426	1.2804	629.20	1.2938	2647.8	0.72	2.6220	1398.272	87.000
88.000	0.7183	74.4957	75.2148	1.3688	0.8078	1.2566	635.36	1.2764	2570.4	0.73	2.5326	1392.104	88.000
89.000	0.7215	75.7371	76.4586	1.3828	0.7766	1.2366	640.82	1.2583	2496.5	0.73	2.4535	1385.928	89.000
90.000	0.7248	76.9514	77.6862	1.3966	0.7487	1.2198	645.38	1.2417	2425.8	0.74	2.3831	1379.708	90.000
91.000	0.7281	78.1697	78.8978	1.4098	0.7239	1.2061	648.99	1.2264	2357.7	0.74	2.3205	1373.424	91.000
92.000	0.7315	79.3679	80.0994	1.4231	0.7014	1.1948	652.63	1.2095	2292.5	0.74	2.2646	1367.120	92.000
93.000	0.7349	80.5560	81.2909	1.4359	0.6811	1.1860	654.19	1.1939	2229.7	0.74	2.2150	1360.745	93.000
94.000	0.7384	81.7333	82.4717	1.4486	0.6631	1.1788	655.71	1.1786	2169.3	0.74	2.1696	1354.313	94.000
95.000	0.7419	82.9053	83.6472	1.4609	0.6466	1.1735	656.68	1.1636	2111.2	0.74	2.1292	1347.858	95.000
96.000	0.7455	84.0738	84.8185	1.4732	0.6321	1.1698	656.92	1.1488	2055.1	0.73	2.0926	1341.310	96.000
97.000	0.7492	85.2378	85.9878	1.4854	0.6188	1.1673	656.66	1.1343	2000.9	0.73	2.0591	1334.703	97.000
98.000	0.7530	86.3998	87.1528	1.4974	0.6065	1.1663	655.77	1.1200	1948.5	0.72	2.0290	1328.031	98.000
99.000	0.7568	87.5632	88.3201	1.5092	0.5955	1.1668	654.37	1.1058	1897.9	0.72	2.0012	1321.288	99.000
100.000	0.7606	88.7251	89.4858	1.5210	0.5855	1.1688	652.56	1.0919	1848.9	0.71	1.9757	1314.469	100.000
101.000	0.7648	89.8886	90.6533	1.5326	0.5765	1.1685	650.20	1.0782	1801.4	0.71	1.9523	1307.562	101.000
102.000	0.7689	91.0558	91.8239	1.5440	0.5682	1.1718	647.46	1.0645	1755.4	0.70	1.9311	1300.587	102.000
103.000	0.7731	92.2238	92.9969	1.5555	0.5606	1.1748	644.37	1.0511	1710.8	0.69	1.9109	1293.544	103.000
104.000	0.7774	93.3946	94.1719	1.5668	0.5535	1.1788	640.87	1.0378	1667.6	0.68	1.8929	1286.414	104.000
105.000	0.7817	94.5696	95.3512	1.5781	0.5470	1.1825	637.05	1.0246	1625.7	0.68	1.8763	1279.207	105.000
106.000	0.7862	95.7508	96.5365	1.5893	0.5410	1.1875	632.87	1.0115	1584.8	0.67	1.8606	1271.898	106.000
107.000	0.7906	96.9357	97.7265	1.6006	0.5357	1.1933	628.36	0.9985	1545.1	0.66	1.8465	1264.486	107.000
108.000	0.7955	98.1273	98.9228	1.6116	0.5304	1.1996	623.49	0.9857	1506.6	0.65	1.8335	1257.004	108.000
109.000	0.8004	99.3258	100.1262	1.6229	0.5259	1.2063	618.30	0.9728	1469.0	0.65	1.8216	1249.394	109.000
110.000	0.8053	100.5321	101.3375	1.6339	0.5214	1.2138	612.84	0.9601	1432.4	0.64	1.8109	1241.700	110.000
111.000	0.8104	101.7439	102.5543	1.6449	0.5177	1.2218	607.08	0.9474	1396.7	0.63	1.8013	1233.898	111.000
112.000	0.8157	102.9652	103.7809	1.6559	0.5139	1.2306	601.06	0.9348	1361.9	0.62	1.7928	1225.988	112.000
113.000	0.8211	104.1935	105.0145	1.6669	0.5104	1.2399	594.67	0.9222	1328.0	0.61	1.7854	1217.927	113.000
114.000	0.8266	105.4328	106.2594	1.6777	0.5074	1.2501	588.01	0.9096	1294.8	0.60	1.7795	1209.753	114.000
115.000	0.8323	106.6844	107.5168	1.6887	0.5047	1.2611	581.02	0.8971	1262.3	0.59	1.7745	1201.428	115.000
116.000	0.8382	107.9439	108.7822	1.6997	0.5019	1.2732	573.78	0.8846	1230.5	0.58	1.7710	1192.979	116.000
* 116.550	0.8416	108.6438	109.4853	1.7057	0.5007	1.2802	569.61	0.8776	1213.3	0.58	1.7699	1188.249	116.550
* 116.550	20.3054	221.0223	241.3277	2.8362	0.4048	0.8343	182.99	0.0923	100.5	2.25	0.9085	49.248	116.550
117.000	20.4347	221.2615	241.6962	2.8394	0.4026	0.8268	183.65	0.0924	100.8	2.28	0.9028	48.936	117.000
118.000	20.7360	221.7792	242.5153	2.8462	0.3983	0.8111	185.11	0.0927	101.6	2.37	0.8889	48.225	118.000
119.000	21.0322	222.2868	243.3191	2.8532	0.3948	0.7965	186.55	0.0930	102.3	2.46	0.8762	47.546	119.000
120.000	21.3243	222.7858	244.1081	2.8597	0.3909	0.7830	187.96	0.0933	103.0	2.54	0.8644	46.895	120.000
121.000	21.6133	223.2778	244.8851	2.8662	0.3865	0.7706	189.32	0.0936	103.7	2.62	0.8539	46.268	121.000
122.000	21.8988	223.7585	245.6493	2.8725	0.3830	0.7592	190.67	0.0939	104.5	2.71	0.8449	45.665	122.000
123.000	22.1821	224.2269	246.4038	2.8785	0.3797	0.7485	191.99	0.0943	105.2	2.79	0.8358	45.081	123.000
124.000	22.4608	224.6857	247.1465	2.8845	0.3765	0.7385	193.29	0.0947	105.9	2.88	0.8258	44.522	124.000
125.000	22.7362	225.1438	247.8808	2.8905	0.3737	0.7292	194.57	0.0950	106.7	2.96	0.8190	43.983	125.000
126.000	23.0100	225.5947	248.6047	2.8963	0.3710	0.7204	195.82	0.0954	107.4	3.05	0.8111	43.459	126.000
127.000	23.2818	226.0391	249.3209	2.9020	0.3682	0.7124	197.06	0.0958	108.1	3.13	0.8039	42.952	127.000
128.000	23.5512	226.4783	250.0295	2.9075	0.3660	0.7047	198.28	0.0962	108.9	3.22	0.7977	42.461	128.000

THERMODYNAMIC PROPERTIES OF ARGON

10.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
129.000	23.0178	226.9121	250.7299	2.9130	0.3635	0.6974	199.48	0.0966	109.6	3.30	0.7913	41.985	129.000
130.000	24.0836	227.3407	251.4243	2.9183	0.3615	0.6906	200.66	0.0970	110.4	3.38	0.7861	41.522	130.000
131.000	24.3466	227.7658	252.1117	2.9236	0.3592	0.6841	201.82	0.0974	111.1	3.47	0.7804	41.075	131.000
132.000	24.6068	228.1866	252.7929	2.9288	0.3572	0.6781	202.97	0.0978	111.8	3.55	0.7752	40.639	132.000
133.000	24.8659	228.6010	253.4678	2.9338	0.3555	0.6726	204.11	0.0982	112.6	3.63	0.7713	40.216	133.000
134.000	25.1238	229.0146	254.1376	2.9388	0.3537	0.6671	205.23	0.0987	113.3	3.72	0.7668	39.804	134.000
135.000	25.3803	229.4212	254.8015	2.9438	0.3520	0.6621	206.33	0.0991	114.1	3.80	0.7623	39.401	135.000
136.000	25.6356	229.8269	255.4619	2.9486	0.3502	0.6571	207.43	0.0995	114.8	3.88	0.7581	39.009	136.000
137.000	25.8898	230.2294	256.1162	2.9533	0.3487	0.6526	208.51	0.1000	115.6	3.97	0.7544	38.630	137.000
138.000	26.1382	230.6283	256.7665	2.9581	0.3472	0.6481	209.58	0.1004	116.3	4.05	0.7507	38.258	138.000
139.000	26.3889	231.0237	257.4126	2.9629	0.3459	0.6441	210.63	0.1009	117.1	4.13	0.7475	37.895	139.000
140.000	26.6389	231.4153	258.0542	2.9674	0.3447	0.6401	211.68	0.1013	117.8	4.22	0.7443	37.539	140.000
141.000	26.8878	231.8047	258.6925	2.9719	0.3434	0.6363	212.71	0.1018	118.6	4.30	0.7413	37.192	141.000
142.000	27.1355	232.1916	259.3271	2.9764	0.3422	0.6326	213.74	0.1023	119.3	4.39	0.7377	36.852	142.000
143.000	27.3819	232.5766	259.9579	2.9809	0.3409	0.6293	214.75	0.1027	120.1	4.47	0.7359	36.520	143.000
144.000	27.6267	232.9588	260.5855	2.9851	0.3399	0.6261	215.75	0.1032	120.8	4.55	0.7328	36.197	144.000
145.000	27.8697	233.3401	261.2098	2.9896	0.3389	0.6228	216.75	0.1037	121.6	4.64	0.7303	35.881	145.000
146.000	28.1138	233.7168	261.8306	2.9939	0.3377	0.6198	217.73	0.1041	122.4	4.72	0.7288	35.570	146.000
147.000	28.3558	234.0936	262.4494	2.9981	0.3369	0.6171	218.71	0.1046	123.1	4.81	0.7262	35.266	147.000
148.000	28.5968	234.4662	263.0650	3.0022	0.3359	0.6143	219.68	0.1051	123.9	4.89	0.7242	34.966	148.000
149.000	28.8393	234.8387	263.6786	3.0064	0.3349	0.6115	220.64	0.1056	124.6	4.98	0.7218	34.675	149.000
150.000	29.0772	235.2111	264.2883	3.0104	0.3342	0.6090	221.59	0.1060	125.4	5.06	0.7205	34.391	150.000
151.000	29.3190	235.5769	264.8958	3.0144	0.3334	0.6068	222.53	0.1065	126.1	5.15	0.7185	34.108	151.000
152.000	29.5544	235.9478	265.5014	3.0184	0.3327	0.6045	223.47	0.1070	126.9	5.23	0.7170	33.836	152.000
153.000	29.7938	236.3114	266.1049	3.0224	0.3319	0.6023	224.40	0.1075	127.6	5.32	0.7149	33.564	153.000
154.000	30.0294	236.6768	266.7062	3.0264	0.3312	0.6000	225.32	0.1080	128.4	5.41	0.7134	33.301	154.000
155.000	30.2654	237.0396	267.3058	3.0302	0.3304	0.5980	226.23	0.1085	129.1	5.49	0.7116	33.041	155.000
156.000	30.5015	237.4003	267.9018	3.0339	0.3299	0.5960	227.14	0.1090	129.9	5.58	0.7103	32.785	156.000
157.000	30.7374	237.7596	268.4978	3.0379	0.3292	0.5943	228.04	0.1095	130.6	5.66	0.7088	32.534	157.000
158.000	30.9732	238.1161	269.0893	3.0417	0.3287	0.5923	228.94	0.1100	131.4	5.75	0.7075	32.286	158.000
159.000	31.2049	238.4765	269.6813	3.0455	0.3279	0.5905	229.82	0.1105	132.1	5.84	0.7059	32.046	159.000
160.000	31.4400	238.8311	270.2711	3.0490	0.3274	0.5888	230.71	0.1110	132.9	5.93	0.7049	31.807	160.000
161.000	31.6747	239.1844	270.8591	3.0527	0.3269	0.5873	231.58	0.1115	133.6	6.01	0.7037	31.571	161.000
162.000	31.9048	239.5403	271.4451	3.0562	0.3264	0.5858	232.45	0.1120	134.4	6.10	0.7029	31.343	162.000
163.000	32.1383	239.8921	272.0304	3.0600	0.3259	0.5843	233.32	0.1125	135.1	6.19	0.7016	31.115	163.000
164.000	32.3711	240.2426	272.6136	3.0635	0.3254	0.5828	234.18	0.1130	135.9	6.28	0.7009	30.892	164.000
165.000	32.5987	240.5969	273.1958	3.0670	0.3249	0.5813	236.03	0.1135	136.6	6.37	0.6996	30.676	165.000
166.000	32.8296	240.9465	273.7761	3.0705	0.3247	0.5800	235.88	0.1140	137.4	6.45	0.6991	30.460	166.000
167.000	33.0594	241.2961	274.3554	3.0740	0.3242	0.5785	236.72	0.1145	138.1	6.54	0.6977	30.249	167.000
168.000	33.2924	241.6416	274.9334	3.0775	0.3237	0.5773	237.56	0.1150	138.9	6.63	0.6972	30.037	168.000
169.000	33.5197	241.9904	275.5102	3.0808	0.3234	0.5760	238.39	0.1155	139.6	6.72	0.6962	29.833	169.000
170.000	33.7502	242.3352	276.0854	3.0843	0.3229	0.5750	239.22	0.1160	140.4	6.81	0.6959	29.629	170.000
171.000	33.9793	242.6806	276.6599	3.0875	0.3227	0.5737	240.05	0.1165	141.1	6.90	0.6949	29.430	171.000
172.000	34.2068	243.0261	277.2329	3.0910	0.3224	0.5727	240.86	0.1170	141.9	6.99	0.6946	29.234	172.000
173.000	34.4327	243.3722	277.8049	3.0943	0.3219	0.5715	241.68	0.1176	142.6	7.09	0.6930	29.042	173.000

THERMODYNAMIC PROPERTIES OF ARGON

10.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
174.000	34.6615	243.7146	278.3761	3.0975	0.3217	0.5705	242.49	0.1181	143.4	7.18	0.6927	28.850	174.000
176.000	34.8886	244.8573	278.9459	3.1008	0.3214	0.5695	243.38	0.1186	144.1	7.27	0.6919	28.663	176.000
176.000	35.1137	244.4814	279.5151	3.1040	0.3209	0.5685	244.18	0.1191	144.9	7.36	0.6916	28.479	176.000
177.000	35.3417	244.7414	280.0831	3.1073	0.3207	0.5675	244.98	0.1196	145.6	7.45	0.6909	28.295	177.000
178.000	35.5677	245.0024	280.6501	3.1105	0.3204	0.5667	245.69	0.1201	146.3	7.54	0.6904	28.115	178.000
179.000	35.7915	245.4249	281.2163	3.1135	0.3202	0.5657	246.48	0.1206	147.1	7.63	0.6900	27.940	179.000
180.000	36.0186	245.7632	281.7818	3.1168	0.3199	0.5650	247.26	0.1212	147.8	7.73	0.6890	27.764	180.000
181.000	36.2423	246.1038	282.3466	3.1198	0.3197	0.5640	248.05	0.1217	148.6	7.82	0.6886	27.592	181.000
182.000	36.4693	246.4462	282.9095	3.1231	0.3194	0.5632	248.82	0.1222	149.3	7.91	0.6881	27.420	182.000
183.000	36.6938	246.7787	283.4725	3.1261	0.3192	0.5625	249.60	0.1227	150.1	8.00	0.6881	27.253	183.000
184.000	36.9212	247.1131	284.0342	3.1291	0.3189	0.5617	250.37	0.1232	150.8	8.10	0.6876	27.085	184.000
185.000	37.1463	247.4552	284.5955	3.1323	0.3187	0.5610	251.13	0.1238	151.5	8.20	0.6865	26.925	185.000
186.000	37.3676	247.7886	285.1562	3.1353	0.3187	0.5602	251.90	0.1243	152.3	8.29	0.6864	26.761	186.000
187.000	37.5920	248.1239	285.7159	3.1383	0.3184	0.5595	252.66	0.1248	153.0	8.39	0.6859	26.601	187.000
188.000	37.8135	248.4616	286.2751	3.1413	0.3182	0.5587	253.42	0.1253	153.7	8.48	0.6854	26.446	188.000
189.000	38.0376	248.7960	286.8336	3.1441	0.3179	0.5582	254.17	0.1258	154.5	8.57	0.6856	26.290	189.000
190.000	38.2585	249.1328	287.3914	3.1471	0.3179	0.5575	254.92	0.1264	155.2	8.67	0.6845	26.138	190.000
191.000	38.4820	249.4666	287.9486	3.1501	0.3177	0.5570	255.67	0.1269	155.9	8.77	0.6843	25.986	191.000
192.000	38.7081	249.7969	288.5050	3.1528	0.3174	0.5562	256.41	0.1274	156.7	8.87	0.6841	25.834	192.000
193.000	38.9309	250.1301	289.0610	3.1559	0.3172	0.5557	257.15	0.1279	157.4	8.96	0.6839	25.687	193.000
194.000	39.1581	250.4662	289.6162	3.1586	0.3172	0.5550	257.89	0.1285	158.1	9.06	0.6828	25.543	194.000
195.000	39.3717	250.7992	290.1710	3.1616	0.3169	0.5545	258.62	0.1290	158.9	9.16	0.6830	25.399	195.000
196.000	39.5969	251.1292	290.7252	3.1644	0.3169	0.5540	259.35	0.1295	159.6	9.26	0.6827	25.255	196.000
197.000	39.8164	251.4625	291.2789	3.1671	0.3167	0.5535	260.08	0.1300	160.3	9.35	0.6825	25.115	197.000
198.000	40.0393	251.7929	291.8321	3.1699	0.3164	0.5530	260.81	0.1306	161.1	9.46	0.6821	24.975	198.000
199.000	40.2582	252.1264	292.3846	3.1729	0.3164	0.5525	261.53	0.1311	161.8	9.55	0.6818	24.840	199.000
200.000	40.4795	252.4578	292.9366	3.1756	0.3162	0.5520	262.25	0.1316	162.5	9.65	0.6816	24.704	200.000
202.000	40.9098	253.0739	294.0407	3.1814	0.3159	0.5510	263.68	0.1327	164.0	9.87	0.6809	24.408	202.000
204.000	41.4183	253.7341	295.1444	3.1866	0.3157	0.5500	265.10	0.1337	165.4	10.07	0.6804	24.149	204.000
206.000	41.8534	254.3982	296.2476	3.1921	0.3157	0.5492	266.51	0.1348	166.9	10.27	0.6800	23.893	206.000
208.000	42.2918	255.0489	297.3486	3.1974	0.3154	0.5482	267.91	0.1358	168.3	10.48	0.6794	23.645	208.000
210.000	42.7322	255.7042	298.4365	3.2027	0.3152	0.5475	269.30	0.1369	169.7	10.69	0.6786	23.402	210.000
212.000	43.1744	256.3562	299.5306	3.2077	0.3149	0.5467	270.68	0.1379	171.2	10.89	0.6787	23.162	212.000
214.000	43.6187	257.0126	300.6233	3.2129	0.3149	0.5460	272.06	0.1390	172.6	11.10	0.6779	22.930	214.000
216.000	44.0481	257.6663	301.7144	3.2179	0.3147	0.5452	273.42	0.1400	174.0	11.31	0.6776	22.702	216.000
218.000	44.4865	258.3182	302.8047	3.2229	0.3144	0.5447	274.77	0.1411	175.4	11.52	0.6771	22.479	218.000
220.000	44.9256	258.9677	303.8933	3.2279	0.3144	0.5440	276.12	0.1421	176.9	11.74	0.6772	22.259	220.000
222.000	45.3578	259.6234	304.9805	3.2330	0.3142	0.5435	277.45	0.1432	178.3	11.95	0.6767	22.047	222.000
224.000	45.7968	260.2698	306.0666	3.2377	0.3142	0.5427	278.78	0.1442	179.7	12.17	0.6763	21.836	224.000
226.000	46.2282	260.9236	307.1518	3.2425	0.3139	0.5422	280.10	0.1453	181.1	12.39	0.6758	21.632	226.000
228.000	46.6677	261.5686	308.2357	3.2475	0.3139	0.5417	281.41	0.1463	182.5	12.60	0.6757	21.428	228.000
230.000	47.0979	262.2209	309.3188	3.2520	0.3139	0.5412	282.71	0.1474	183.9	12.83	0.6752	21.232	230.000
232.000	47.5362	262.8646	310.4008	3.2567	0.3137	0.5407	284.01	0.1484	185.3	13.05	0.6751	21.037	232.000
234.000	47.9734	263.5088	311.4814	3.2615	0.3137	0.5402	285.30	0.1494	186.7	13.27	0.6751	20.845	234.000
236.000	48.4081	264.1614	312.5616	3.2660	0.3134	0.5397	286.58	0.1505	188.1	13.50	0.6745	20.661	236.000

THERMODYNAMIC PROPERTIES OF ARGON

10.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
238.000	48.8345	264.8063	313.6407	3.2705	0.3134	0.5395	287.85	0.1515	189.5	13.71	0.6748	20.477	238.000
240.000	49.2678	265.4521	314.7191	3.2758	0.3134	0.5390	289.12	0.1526	190.9	13.95	0.6742	20.298	240.000
242.000	49.7072	266.0991	315.7963	3.2795	0.3134	0.5384	290.38	0.1536	192.2	14.18	0.6738	20.118	242.000
244.000	50.1353	266.7379	316.8732	3.2840	0.3132	0.5382	291.64	0.1546	193.6	14.40	0.6740	19.946	244.000
246.000	50.5708	267.3783	317.9491	3.2883	0.3132	0.5377	292.88	0.1557	195.0	14.64	0.6734	19.774	246.000
248.000	51.0036	268.0204	319.0240	3.2928	0.3132	0.5374	294.12	0.1567	196.4	14.87	0.6736	19.606	248.000
250.000	51.4332	268.6654	320.0986	3.2970	0.3132	0.5369	295.36	0.1577	197.7	15.11	0.6731	19.443	250.000
252.000	51.8594	269.3128	321.1728	3.3013	0.3129	0.5367	296.59	0.1587	199.1	15.33	0.6733	19.283	252.000
254.000	52.2928	269.9628	322.2464	3.3055	0.3129	0.5364	297.81	0.1598	200.4	15.58	0.6727	19.123	254.000
256.000	52.7223	270.5955	323.3178	3.3098	0.3129	0.5359	299.02	0.1608	201.8	15.82	0.6726	18.967	256.000
258.000	53.1589	271.2365	324.3894	3.3138	0.3129	0.5357	300.23	0.1618	203.1	16.06	0.6724	18.812	258.000
260.000	53.5799	271.8866	325.4606	3.3181	0.3129	0.5354	301.44	0.1628	204.5	16.29	0.6726	18.664	260.000
262.000	54.0076	272.5236	326.5312	3.3221	0.3127	0.5352	302.64	0.1638	205.8	16.53	0.6724	18.516	262.000
264.000	54.4422	273.1591	327.6013	3.3261	0.3127	0.5349	303.83	0.1649	207.2	16.78	0.6722	18.368	264.000
266.000	54.8719	273.7989	328.6708	3.3302	0.3127	0.5347	305.02	0.1659	208.5	17.03	0.6720	18.224	266.000
268.000	55.2961	274.4438	329.7399	3.3343	0.3127	0.5344	306.20	0.1669	209.8	17.27	0.6718	18.084	268.000
270.000	55.7269	275.0913	330.8083	3.3381	0.3127	0.5342	307.37	0.1679	211.2	17.52	0.6720	17.945	270.000
272.000	56.1646	275.7116	331.8762	3.3421	0.3127	0.5339	308.55	0.1689	212.5	17.77	0.6718	17.805	272.000
274.000	56.5935	276.3666	332.9435	3.3461	0.3127	0.5337	309.71	0.1699	213.8	18.01	0.6716	17.673	274.000
276.000	57.0068	277.0019	334.0107	3.3499	0.3124	0.5334	310.87	0.1709	215.1	18.26	0.6714	17.541	276.000
278.000	57.4484	277.6367	335.0771	3.3539	0.3124	0.5332	312.03	0.1719	216.5	18.52	0.6715	17.409	278.000
280.000	57.8653	278.2779	336.1432	3.3578	0.3124	0.5329	313.18	0.1729	217.8	18.77	0.6713	17.282	280.000
282.000	58.2906	278.9123	337.2089	3.3614	0.3124	0.5327	314.32	0.1739	219.1	19.03	0.6711	17.154	282.000
284.000	58.7285	279.5535	338.2740	3.3651	0.3124	0.5324	315.47	0.1749	220.4	19.29	0.6710	17.030	284.000
286.000	59.1586	280.1882	339.3389	3.3689	0.3124	0.5324	316.60	0.1759	221.7	19.54	0.6711	16.906	286.000
288.000	59.5871	280.8162	340.4033	3.3726	0.3124	0.5322	317.73	0.1769	223.0	19.81	0.6709	16.782	288.000
290.000	60.0013	281.4661	341.4674	3.3764	0.3124	0.5319	318.86	0.1779	224.3	20.07	0.6707	16.666	290.000
292.000	60.4359	282.0951	342.5310	3.3799	0.3124	0.5317	319.98	0.1788	225.5	20.32	0.6706	16.546	292.000
294.000	60.8628	282.7324	343.5944	3.3838	0.3124	0.5317	321.10	0.1798	226.8	20.58	0.6707	16.431	294.000
296.000	61.2792	283.3781	344.6573	3.3872	0.3124	0.5314	322.22	0.1808	228.1	20.85	0.6705	16.319	296.000
298.000	61.7173	284.0226	345.7199	3.3907	0.3124	0.5312	323.32	0.1818	229.4	21.12	0.6703	16.203	298.000
300.000	62.1463	284.6368	346.7823	3.3942	0.3124	0.5312	324.43	0.1828	230.7	21.39	0.6704	16.091	300.000
302.000	62.5657	285.2785	347.8442	3.3979	0.3124	0.5309	325.53	0.1837	231.9	21.66	0.6703	15.983	302.000
304.000	62.9968	285.9158	348.9058	3.4014	0.3122	0.5307	326.63	0.1847	233.2	21.92	0.6700	15.875	304.000
306.000	63.4217	286.5455	349.9672	3.4047	0.3122	0.5307	327.72	0.1857	234.5	22.19	0.6701	15.767	306.000
308.000	63.8422	287.1858	351.0281	3.4082	0.3122	0.5304	328.81	0.1866	235.7	22.46	0.6700	15.664	308.000
310.000	64.2684	287.8266	352.0886	3.4117	0.3122	0.5302	329.89	0.1876	237.0	22.74	0.6698	15.560	310.000
312.000	64.6836	288.4657	353.1488	3.4152	0.3122	0.5302	330.97	0.1886	238.2	23.01	0.6696	15.460	312.000
314.000	65.1211	289.0883	354.2094	3.4184	0.3122	0.5299	332.05	0.1895	239.5	23.29	0.6698	15.356	314.000
316.000	65.5474	289.7228	355.2693	3.4217	0.3122	0.5299	333.12	0.1905	240.7	23.56	0.6696	15.256	316.000
318.000	65.9619	290.3670	356.3289	3.4252	0.3122	0.5297	334.19	0.1914	242.0	23.83	0.6697	15.160	318.000
320.000	66.3993	290.9896	357.3883	3.4285	0.3122	0.5297	335.25	0.1924	243.2	24.12	0.6695	15.060	320.000
322.000	66.8069	291.6406	358.4474	3.4317	0.3122	0.5294	336.31	0.1934	244.5	24.40	0.6693	14.969	322.000
324.000	67.2376	292.2685	359.5061	3.4350	0.3122	0.5294	337.37	0.1943	245.7	24.68	0.6695	14.873	324.000
326.000	67.6555	292.9092	360.5647	3.4382	0.3122	0.5292	338.42	0.1953	246.9	24.97	0.6696	14.781	326.000

THERMODYNAMIC PROPERTIES OF ARGON

10.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
328.000	68.0787	293.5444	361.6231	3.4415	0.3122	0.5292	339.47	0.1962	248.2	25.24	0.6694	14.689	328.000
330.000	68.5872	294.1748	362.6812	3.4447	0.3122	0.5289	340.52	0.1971	249.4	25.53	0.6693	14.597	330.000
332.000	68.9412	294.7979	363.7391	3.4480	0.3122	0.5289	341.56	0.1981	250.6	25.82	0.6691	14.505	332.000
334.000	69.3614	295.4353	364.7967	3.4512	0.3122	0.5287	342.60	0.1990	251.8	26.11	0.6690	14.417	334.000
336.000	69.7968	296.0675	365.8543	3.4542	0.3122	0.5287	343.64	0.2000	253.1	26.40	0.6691	14.329	336.000
338.000	70.1978	296.7137	366.9115	3.4575	0.3122	0.5287	344.67	0.2009	254.3	26.68	0.6692	14.245	338.000
340.000	70.6336	297.3558	367.9686	3.4605	0.3122	0.5284	345.70	0.2018	255.5	26.97	0.6691	14.158	340.000
342.000	71.0546	297.9789	369.0255	3.4635	0.3122	0.5284	346.73	0.2028	256.7	27.27	0.6689	14.074	342.000
344.000	71.4867	298.6014	370.0821	3.4668	0.3122	0.5282	347.75	0.2037	257.9	27.57	0.6687	13.990	344.000
346.000	71.8913	299.2472	371.1386	3.4698	0.3122	0.5282	348.77	0.2046	259.1	27.85	0.6689	13.910	346.000
348.000	72.3275	299.8671	372.1948	3.4728	0.3122	0.5282	349.78	0.2055	260.3	28.14	0.6690	13.826	348.000
350.000	72.7479	300.5028	373.2507	3.4758	0.3122	0.5279	350.80	0.2065	261.5	28.46	0.6686	13.746	350.000
352.000	73.1732	301.1334	374.3066	3.4788	0.3122	0.5279	351.80	0.2074	262.7	28.75	0.6687	13.666	352.000
354.000	73.5818	301.7663	375.3622	3.4818	0.3122	0.5277	352.81	0.2083	263.9	29.05	0.6686	13.590	354.000
356.000	74.0178	302.4066	376.4176	3.4848	0.3122	0.5277	353.81	0.2092	265.1	29.34	0.6687	13.510	356.000
358.000	74.4352	303.0378	377.4730	3.4878	0.3122	0.5277	354.81	0.2101	266.2	29.64	0.6686	13.435	358.000
360.000	74.8581	303.6700	378.5281	3.4908	0.3122	0.5274	355.81	0.2110	267.4	29.95	0.6684	13.359	360.000
362.000	75.2858	304.2978	379.5832	3.4935	0.3122	0.5274	356.80	0.2120	268.6	30.26	0.6683	13.283	362.000
364.000	75.6956	304.9422	380.6378	3.4965	0.3122	0.5274	357.80	0.2129	269.8	30.55	0.6684	13.211	364.000
366.000	76.1336	305.5594	381.6924	3.4993	0.3122	0.5272	358.78	0.2138	270.9	30.88	0.6680	13.135	366.000
368.000	76.5521	306.1949	382.7471	3.5023	0.3122	0.5272	359.77	0.2147	272.1	31.18	0.6681	13.063	368.000
370.000	76.9758	306.8256	383.8014	3.5051	0.3122	0.5272	360.75	0.2156	273.3	31.48	0.6683	12.991	370.000
372.000	77.3983	307.4752	384.8555	3.5081	0.3122	0.5272	361.73	0.2165	274.4	31.78	0.6682	12.923	372.000
374.000	77.8133	308.0963	385.9097	3.5108	0.3122	0.5269	362.71	0.2174	275.6	32.10	0.6680	12.851	374.000
376.000	78.2267	308.7368	386.9635	3.5136	0.3122	0.5269	363.68	0.2183	276.8	32.41	0.6681	12.783	376.000
378.000	78.6445	309.3729	388.0174	3.5163	0.3122	0.5269	364.65	0.2192	277.9	32.72	0.6680	12.715	378.000
380.000	79.0668	310.0046	389.0708	3.5191	0.3122	0.5267	365.62	0.2201	279.1	33.04	0.6679	12.648	380.000
382.000	79.4936	310.6368	390.1244	3.5218	0.3122	0.5267	366.58	0.2210	280.2	33.36	0.6678	12.580	382.000
384.000	79.9251	311.2527	391.1778	3.5246	0.3122	0.5267	367.54	0.2218	281.4	33.66	0.6682	12.512	384.000
386.000	80.3355	311.8954	392.2309	3.5273	0.3122	0.5267	368.50	0.2227	282.5	33.97	0.6681	12.448	386.000
388.000	80.7762	312.5078	393.2840	3.5301	0.3122	0.5264	369.46	0.2236	283.6	34.31	0.6677	12.380	388.000
390.000	81.1954	313.1414	394.3369	3.5328	0.3122	0.5264	370.42	0.2245	284.8	34.63	0.6678	12.316	390.000
392.000	81.6198	313.7788	395.3897	3.5356	0.3122	0.5264	371.37	0.2254	285.9	34.95	0.6677	12.252	392.000
394.000	82.0201	314.4222	396.4424	3.5381	0.3122	0.5264	372.32	0.2263	287.1	35.26	0.6679	12.192	394.000
396.000	82.4524	315.0426	397.4950	3.5409	0.3122	0.5262	373.26	0.2271	288.2	35.59	0.6678	12.128	396.000
398.000	82.8618	315.6855	398.5473	3.5436	0.3122	0.5262	374.21	0.2280	289.3	35.90	0.6677	12.068	398.000
400.000	83.3038	316.2967	399.5997	3.5461	0.3122	0.5262	375.15	0.2289	290.4	36.24	0.6676	12.004	400.000

THERMODYNAMIC PROPERTIES OF ARGON

12.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
86.000	0.7116	71.0818	72.7358	1.3387	0.8764	1.3882	627.31	1.3126	2736.1	0.71	2.7269	1405.187	86.000
87.000	0.7148	73.1783	74.8318	1.3635	0.8378	1.2799	634.28	1.2945	2654.8	0.72	2.6249	1399.051	87.000
88.000	0.7179	74.4871	75.2986	1.3880	0.8035	1.2559	640.22	1.2769	2577.1	0.73	2.5347	1392.875	88.000
89.000	0.7211	75.6796	76.5458	1.3823	0.7725	1.2359	645.53	1.2598	2503.0	0.74	2.4554	1386.695	89.000
90.000	0.7244	76.9028	77.7721	1.3958	0.7447	1.2191	649.93	1.2432	2432.0	0.74	2.3848	1380.483	90.000
91.000	0.7277	78.1117	78.9849	1.4093	0.7202	1.2051	653.46	1.2269	2363.0	0.74	2.3217	1374.211	91.000
92.000	0.7310	79.3052	80.1825	1.4223	0.6979	1.1938	656.35	1.2110	2298.4	0.74	2.2658	1367.907	92.000
93.000	0.7345	80.4914	81.3728	1.4354	0.6779	1.1848	658.48	1.1954	2235.6	0.74	2.2158	1361.556	93.000
94.000	0.7379	81.6666	82.5521	1.4479	0.6601	1.1776	659.99	1.1801	2175.1	0.74	2.1704	1355.152	94.000
95.000	0.7415	82.8381	83.7278	1.4604	0.6438	1.1723	660.76	1.1651	2116.8	0.74	2.1298	1348.685	95.000
96.000	0.7451	84.0048	84.8989	1.4727	0.6293	1.1685	660.91	1.1503	2060.5	0.73	2.0931	1342.149	96.000
97.000	0.7487	85.1654	86.0639	1.4847	0.6161	1.1660	660.58	1.1358	2006.3	0.73	2.0597	1335.574	97.000
98.000	0.7525	86.3271	87.2301	1.4967	0.6040	1.1645	659.64	1.1215	1953.8	0.72	2.0287	1328.906	98.000
99.000	0.7563	87.4858	88.3934	1.5085	0.5930	1.1643	658.24	1.1074	1903.2	0.72	2.0009	1322.191	99.000
100.000	0.7602	88.6471	89.5594	1.5202	0.5833	1.1650	656.29	1.0935	1854.1	0.71	1.9754	1315.384	100.000
101.000	0.7642	89.8079	90.7249	1.5317	0.5742	1.1668	653.98	1.0798	1806.6	0.71	1.9521	1308.521	101.000
102.000	0.7683	90.9697	91.8917	1.5433	0.5660	1.1698	651.25	1.0662	1760.7	0.70	1.9305	1301.582	102.000
103.000	0.7725	92.1363	93.0632	1.5548	0.5585	1.1723	648.07	1.0528	1716.0	0.69	1.9107	1294.555	103.000
104.000	0.7767	93.3054	94.2375	1.5660	0.5515	1.1760	644.53	1.0395	1672.7	0.69	1.8924	1287.444	104.000
105.000	0.7811	94.4778	95.4143	1.5773	0.5450	1.1803	640.69	1.0263	1630.7	0.68	1.8754	1280.261	105.000
106.000	0.7856	95.6564	96.5991	1.5886	0.5392	1.1853	636.45	1.0132	1589.9	0.67	1.8599	1272.979	106.000
107.000	0.7901	96.8375	97.7856	1.5996	0.5337	1.1908	631.92	1.0003	1550.2	0.66	1.8454	1265.617	107.000
108.000	0.7948	98.0264	98.9802	1.6106	0.5287	1.1968	627.07	0.9874	1511.6	0.66	1.8322	1258.154	108.000
109.000	0.7996	99.2282	100.1797	1.6219	0.5239	1.2036	621.90	0.9747	1474.1	0.65	1.8202	1250.596	109.000
110.000	0.8045	100.4221	101.3876	1.6329	0.5197	1.2108	616.45	0.9620	1437.5	0.64	1.8093	1242.934	110.000
111.000	0.8096	101.6386	102.6021	1.6439	0.5159	1.2186	610.69	0.9493	1401.8	0.63	1.7994	1235.164	111.000
112.000	0.8148	102.8457	103.8235	1.6549	0.5122	1.2271	604.68	0.9368	1367.1	0.62	1.7907	1227.294	112.000
113.000	0.8202	104.0724	105.0566	1.6657	0.5087	1.2364	598.34	0.9242	1333.1	0.61	1.7834	1219.289	113.000
114.000	0.8256	105.3059	106.2967	1.6767	0.5057	1.2464	591.72	0.9117	1299.9	0.60	1.7771	1211.167	114.000
115.000	0.8313	106.5515	107.5491	1.6877	0.5029	1.2571	584.81	0.8992	1267.5	0.59	1.7720	1202.906	115.000
116.000	0.8372	107.8076	108.8122	1.6985	0.5002	1.2686	577.57	0.8867	1235.7	0.59	1.7680	1194.501	116.000
117.000	0.8432	109.0745	110.0864	1.7095	0.4979	1.2812	570.07	0.8742	1204.6	0.58	1.7654	1185.952	117.000
118.000	0.8495	110.3547	111.3748	1.7205	0.4959	1.2949	562.22	0.8617	1174.1	0.57	1.7644	1177.232	118.000
119.000	0.8559	111.6499	112.6778	1.7315	0.4939	1.3100	554.03	0.8492	1144.2	0.55	1.7650	1168.327	119.000
• 119.760	0.8610	112.6488	113.6820	1.7398	0.4926	1.3225	547.55	0.8395	1121.6	0.55	1.7669	1161.488	119.760
• 119.760	16.9150	220.7145	241.6125	2.8021	0.4140	0.8929	183.24	0.0977	104.4	1.85	0.9541	59.119	119.760
120.000	16.9724	220.8515	241.2183	2.8039	0.4128	0.8882	183.61	0.0978	104.6	1.87	0.9499	58.919	120.000
121.000	17.2400	221.4879	242.8960	2.8112	0.4078	0.8681	185.17	0.0980	105.2	1.95	0.9319	58.085	121.000
122.000	17.5028	221.9512	242.9546	2.8182	0.4030	0.8496	186.69	0.0982	105.9	2.02	0.9162	57.134	122.000
123.000	17.7599	222.4036	243.7954	2.8252	0.3985	0.8328	188.18	0.0984	106.6	2.10	0.9022	56.307	123.000
124.000	18.0142	223.0037	244.6208	2.8317	0.3945	0.8173	189.64	0.0987	107.3	2.18	0.8885	55.512	124.000
125.000	18.2653	223.5122	245.4305	2.8382	0.3905	0.8030	191.06	0.0990	108.0	2.25	0.8760	54.749	125.000
126.000	18.5125	224.0116	246.2266	2.8447	0.3870	0.7900	192.45	0.0993	108.8	2.33	0.8656	54.018	126.000
127.000	18.7566	224.5022	247.0101	2.8510	0.3835	0.7778	193.81	0.0996	109.6	2.40	0.8551	53.315	127.000
128.000	18.9986	224.9838	247.7821	2.8570	0.3802	0.7665	195.15	0.0999	110.2	2.48	0.8456	52.636	128.000

THERMODYNAMIC PROPERTIES OF ARGON

12.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
129.000	19.2366	225.4595	249.5438	2.8627	0.3772	0.7557	196.47	0.1602	110.9	2.55	0.8364	51.984	129.000
130.000	19.4736	226.9267	249.2948	2.8687	0.3742	0.7466	197.76	0.1605	111.6	2.62	0.8284	51.353	130.000
131.000	19.7066	226.3878	250.0356	2.8742	0.3716	0.7367	199.03	0.1609	112.3	2.70	0.8199	50.746	131.000
132.000	19.9383	226.8418	250.7676	2.8797	0.3690	0.7279	200.28	0.1612	113.1	2.77	0.8135	50.155	132.000
133.000	20.1684	227.2915	251.4912	2.8853	0.3665	0.7199	201.51	0.1616	113.8	2.85	0.8064	49.587	133.000
134.000	20.3948	227.7331	252.2069	2.8908	0.3642	0.7122	202.72	0.1620	114.5	2.92	0.7995	49.032	134.000
135.000	20.6199	228.1717	252.9155	2.8963	0.3620	0.7049	203.91	0.1623	115.3	2.99	0.7945	48.497	135.000
136.000	20.8448	228.6034	253.6172	2.9018	0.3600	0.6982	205.09	0.1627	116.0	3.07	0.7886	47.974	136.000
137.000	21.0658	229.0328	254.3114	2.9068	0.3580	0.6919	206.25	0.1631	116.7	3.14	0.7832	47.470	137.000
138.000	21.2862	229.4571	255.0005	2.9118	0.3560	0.6858	207.39	0.1635	117.5	3.21	0.7784	46.979	138.000
139.000	21.5056	229.8761	255.6829	2.9168	0.3542	0.6799	208.52	0.1639	118.2	3.29	0.7735	46.499	139.000
140.000	21.7246	230.2912	256.3600	2.9218	0.3525	0.6746	209.63	0.1643	118.9	3.36	0.7691	46.032	140.000
141.000	21.9410	230.7031	257.0324	2.9268	0.3510	0.6694	210.74	0.1647	119.7	3.43	0.7653	45.577	141.000
142.000	22.1566	231.1113	257.6992	2.9318	0.3496	0.6646	211.82	0.1651	120.4	3.50	0.7614	45.133	142.000
143.000	22.3705	231.5161	258.3606	2.9368	0.3480	0.6599	212.90	0.1655	121.1	3.58	0.7574	44.702	143.000
144.000	22.5824	231.9194	259.0182	2.9418	0.3465	0.6554	213.96	0.1658	121.9	3.65	0.7537	44.282	144.000
145.000	22.7942	232.3188	259.6718	2.9468	0.3452	0.6511	215.01	0.1664	122.6	3.72	0.7502	43.871	145.000
146.000	23.0057	232.7135	260.3204	2.9518	0.3439	0.6471	216.05	0.1668	123.4	3.80	0.7477	43.467	146.000
147.000	23.2148	233.1079	260.9657	2.9568	0.3427	0.6433	217.08	0.1673	124.1	3.87	0.7441	43.076	147.000
148.000	23.4234	233.4995	261.6076	2.9618	0.3417	0.6396	218.10	0.1677	124.9	3.94	0.7417	42.692	148.000
149.000	23.6312	233.8879	262.2454	2.9669	0.3404	0.6361	219.11	0.1682	125.6	4.02	0.7384	42.317	149.000
150.000	23.8382	234.2741	262.8800	2.9719	0.3394	0.6328	220.11	0.1686	126.3	4.09	0.7360	41.949	150.000
151.000	24.0443	234.6576	263.5108	2.9769	0.3384	0.6296	221.10	0.1690	127.1	4.16	0.7341	41.590	151.000
152.000	24.2516	235.0369	264.1389	2.9744	0.3374	0.6266	222.08	0.1695	127.8	4.24	0.7313	41.234	152.000
153.000	24.4554	235.4175	264.7639	2.9784	0.3364	0.6236	223.05	0.1699	128.6	4.31	0.7297	40.891	153.000
154.000	24.6602	235.7938	265.3860	2.9824	0.3357	0.6208	224.02	0.1704	129.3	4.39	0.7271	40.551	154.000
155.000	24.8635	236.1694	266.0055	2.9864	0.3347	0.6181	224.97	0.1709	130.1	4.46	0.7251	40.220	155.000
156.000	25.0651	236.5442	266.6223	2.9904	0.3339	0.6156	225.92	0.1713	130.8	4.53	0.7234	39.896	156.000
157.000	25.2675	236.9156	267.2367	2.9944	0.3332	0.6130	226.86	0.1718	131.5	4.61	0.7211	39.576	157.000
158.000	25.4686	237.2863	267.8479	2.9981	0.3324	0.6108	227.79	0.1723	132.3	4.68	0.7196	39.265	158.000
159.000	25.6691	237.6556	268.4586	3.0022	0.3317	0.6085	228.71	0.1727	133.0	4.76	0.7182	38.957	159.000
160.000	25.8681	238.0238	269.0655	3.0059	0.3309	0.6063	229.63	0.1732	133.8	4.83	0.7166	38.658	160.000
161.000	26.0674	238.3897	269.6706	3.0097	0.3304	0.6046	230.54	0.1737	134.5	4.91	0.7145	38.362	161.000
162.000	26.2671	238.7531	270.2736	3.0134	0.3297	0.6028	231.44	0.1741	135.3	4.98	0.7139	38.070	162.000
163.000	26.4643	239.1172	270.8744	3.0172	0.3292	0.6008	232.34	0.1746	136.0	5.05	0.7121	37.787	163.000
164.000	26.6644	239.4764	271.4737	3.0207	0.3284	0.5993	233.23	0.1751	136.7	5.13	0.7106	37.503	164.000
165.000	26.8618	239.8367	272.0718	3.0244	0.3279	0.5965	234.11	0.1756	137.5	5.21	0.7095	37.228	165.000
166.000	27.0564	240.1986	272.6662	3.0279	0.3274	0.5948	234.99	0.1760	138.2	5.28	0.7086	36.960	166.000
167.000	27.2537	240.5558	273.2602	3.0314	0.3269	0.5938	235.86	0.1765	139.0	5.35	0.7076	36.692	167.000
168.000	27.4510	240.9111	273.8522	3.0352	0.3264	0.5913	236.73	0.1770	139.7	5.43	0.7060	36.429	168.000
169.000	27.6458	241.2688	274.4428	3.0384	0.3259	0.5898	237.59	0.1775	140.4	5.51	0.7047	36.173	169.000
170.000	27.8418	241.6216	275.0318	3.0420	0.3254	0.5883	238.44	0.1780	141.2	5.58	0.7039	35.917	170.000
171.000	28.0361	241.9772	275.6193	3.0455	0.3249	0.5868	239.29	0.1785	141.9	5.66	0.7026	35.670	171.000
172.000	28.2279	242.3318	276.2053	3.0490	0.3247	0.5853	240.13	0.1790	142.7	5.74	0.7018	35.426	172.000
173.000	28.4235	242.6814	276.7896	3.0522	0.3242	0.5840	240.97	0.1795	143.4	5.82	0.7008	35.182	173.000

THERMODYNAMIC PROPERTIES OF ARGON

12.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
174.000	28.6184	243.0310	277.3731	3.0557	0.3237	0.5825	241.81	0.1199	144.1	5.89	0.7001	34.943	174.000
175.000	28.8095	243.3835	277.9648	3.0590	0.3234	0.5813	242.64	0.1204	144.9	5.97	0.6995	34.711	175.000
176.000	29.0031	243.7317	278.5553	3.0622	0.3229	0.5806	243.46	0.1209	145.6	6.06	0.6985	34.479	176.000
177.000	29.1959	244.0798	279.1148	3.0655	0.3227	0.5788	244.28	0.1214	146.4	6.12	0.6979	34.251	177.000
178.000	29.3878	244.4277	279.6931	3.0687	0.3224	0.5778	245.09	0.1219	147.1	6.20	0.6972	34.028	178.000
179.000	29.5788	244.7753	280.2698	3.0720	0.3219	0.5765	245.90	0.1224	147.8	6.28	0.6961	33.808	179.000
180.000	29.7723	245.1194	280.8461	3.0752	0.3217	0.5755	246.71	0.1229	148.6	6.36	0.6958	33.588	180.000
181.000	29.9612	245.4677	281.4211	3.0785	0.3214	0.5745	247.51	0.1234	149.3	6.44	0.6951	33.377	181.000
182.000	30.1524	245.8119	281.9948	3.0815	0.3212	0.5732	248.31	0.1239	150.0	6.52	0.6940	33.165	182.000
183.000	30.3425	246.1560	282.5676	3.0848	0.3207	0.5722	249.10	0.1244	150.8	6.60	0.6937	32.957	183.000
184.000	30.5349	246.4977	283.1396	3.0878	0.3204	0.5715	249.89	0.1249	151.5	6.67	0.6932	32.749	184.000
185.000	30.7261	246.8390	283.7103	3.0910	0.3202	0.5705	250.67	0.1254	152.2	6.75	0.6924	32.546	185.000
186.000	30.9158	247.1811	284.2801	3.0940	0.3199	0.5695	251.46	0.1259	153.0	6.83	0.6921	32.346	186.000
187.000	31.1041	247.5242	284.8491	3.0970	0.3197	0.5687	252.23	0.1264	153.7	6.91	0.6916	32.150	187.000
188.000	31.2946	247.8638	285.4173	3.1000	0.3194	0.5677	253.01	0.1269	154.4	6.99	0.6908	31.954	188.000
189.000	31.4835	248.2043	285.9845	3.1030	0.3192	0.5670	253.78	0.1274	155.2	7.07	0.6907	31.763	189.000
190.000	31.6707	248.5461	286.5510	3.1060	0.3189	0.5660	254.54	0.1280	155.9	7.16	0.6894	31.575	190.000
191.000	31.8602	248.8845	287.1167	3.1090	0.3189	0.5652	255.30	0.1285	156.6	7.24	0.6888	31.387	191.000
192.000	32.0478	249.2241	287.6815	3.1120	0.3187	0.5645	256.06	0.1290	157.4	7.32	0.6888	31.203	192.000
193.000	32.2377	249.5606	288.2457	3.1150	0.3184	0.5637	256.82	0.1295	158.1	7.41	0.6882	31.020	193.000
194.000	32.4256	249.8982	288.8089	3.1178	0.3182	0.5630	257.57	0.1300	158.8	7.49	0.6877	30.840	194.000
195.000	32.6114	250.2379	289.3717	3.1208	0.3179	0.5622	258.32	0.1305	159.5	7.57	0.6872	30.664	195.000
196.000	32.7995	250.5743	289.9336	3.1238	0.3179	0.5617	259.06	0.1310	160.3	7.65	0.6874	30.488	196.000
197.000	32.9853	250.9126	290.4949	3.1268	0.3177	0.5610	259.81	0.1315	161.0	7.73	0.6868	30.317	197.000
198.000	33.1733	251.2474	291.0554	3.1298	0.3174	0.5602	260.55	0.1320	161.7	7.82	0.6863	30.146	198.000
199.000	33.3589	251.5846	291.6154	3.1321	0.3174	0.5597	261.28	0.1326	162.4	7.90	0.6855	29.977	199.000
200.000	33.5467	251.9188	292.1748	3.1348	0.3172	0.5590	262.01	0.1331	163.2	7.99	0.6854	29.809	200.000
202.000	33.9262	252.5885	293.2906	3.1406	0.3169	0.5577	263.47	0.1341	164.6	8.16	0.6846	29.468	202.000
204.000	34.3088	253.2157	294.4102	3.1461	0.3167	0.5567	264.92	0.1351	166.0	8.33	0.6841	29.130	204.000
206.000	34.6999	253.8825	295.5224	3.1516	0.3164	0.5555	266.35	0.1361	167.5	8.50	0.6836	28.818	206.000
208.000	35.0894	254.5491	296.6324	3.1569	0.3162	0.5545	267.77	0.1372	168.9	8.68	0.6826	28.515	208.000
210.000	35.4818	255.2184	297.7405	3.1624	0.3159	0.5535	269.18	0.1382	170.3	8.85	0.6820	28.215	210.000
212.000	35.8119	255.8722	298.8465	3.1676	0.3157	0.5527	270.58	0.1392	171.8	9.02	0.6822	27.924	212.000
214.000	36.1794	256.5356	299.9509	3.1726	0.3154	0.5517	271.98	0.1403	173.2	9.20	0.6811	27.640	214.000
216.000	36.5492	257.1948	301.0534	3.1779	0.3152	0.5507	273.36	0.1413	174.6	9.38	0.6805	27.360	216.000
218.000	36.9212	257.8487	302.1541	3.1829	0.3152	0.5500	274.73	0.1423	176.0	9.55	0.6802	27.086	218.000
220.000	37.2897	258.5056	303.2532	3.1879	0.3149	0.5492	276.09	0.1434	177.4	9.74	0.6794	26.817	220.000
222.000	37.6542	259.1660	304.3511	3.1929	0.3147	0.5485	277.44	0.1444	178.8	9.91	0.6791	26.557	222.000
224.000	38.0203	259.8238	305.4473	3.1979	0.3147	0.5477	278.79	0.1454	180.3	10.09	0.6792	26.302	224.000
226.000	38.3876	260.4769	306.5420	3.2027	0.3144	0.5470	280.12	0.1465	181.7	10.28	0.6784	26.050	226.000
228.000	38.7561	261.1281	307.6354	3.2074	0.3142	0.5465	281.45	0.1475	183.1	10.46	0.6784	25.802	228.000
230.000	39.1196	261.7842	308.7276	3.2122	0.3142	0.5457	282.77	0.1486	184.5	10.65	0.6780	25.563	230.000
232.000	39.4897	262.4388	309.8186	3.2169	0.3142	0.5452	284.08	0.1496	185.8	10.84	0.6771	25.323	232.000
234.000	39.8544	263.0829	310.9082	3.2217	0.3139	0.5447	285.38	0.1506	187.2	11.02	0.6771	25.091	234.000
236.000	40.2194	263.7336	311.9968	3.2262	0.3139	0.5440	286.68	0.1516	188.6	11.21	0.6767	24.864	236.000

THERMODYNAMIC PROPERTIES OF ARGON

12.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
238.000	40.5780	264.3907	313.0842	3.2316	0.3137	0.5435	287.96	0.1526	190.0	11.39	0.6766	24.644	238.000
240.000	40.9436	265.0393	314.1789	3.2355	0.3137	0.5430	289.24	0.1536	191.4	11.58	0.6766	24.424	240.000
242.000	41.3078	265.6867	315.2561	3.2400	0.3137	0.5425	290.52	0.1547	192.8	11.78	0.6761	24.208	242.000
244.000	41.6723	266.3337	316.3405	3.2445	0.3134	0.5420	291.78	0.1557	194.1	11.97	0.6756	23.997	244.000
246.000	42.0362	266.9805	317.4239	3.2487	0.3134	0.5415	293.04	0.1567	195.5	12.17	0.6755	23.789	246.000
248.000	42.3993	267.6274	318.5068	3.2532	0.3134	0.5410	294.29	0.1577	196.9	12.36	0.6754	23.585	248.000
250.000	42.7614	268.2745	319.5892	3.2575	0.3132	0.5407	295.54	0.1587	198.2	12.55	0.6753	23.386	250.000
252.000	43.1224	268.9222	320.6691	3.2617	0.3132	0.5402	296.78	0.1598	199.6	12.76	0.6747	23.190	252.000
254.000	43.4819	269.5707	321.7498	3.2660	0.3132	0.5397	298.01	0.1608	200.9	12.96	0.6743	22.998	254.000
256.000	43.8475	270.2112	322.8282	3.2703	0.3132	0.5396	299.23	0.1618	202.3	13.16	0.6745	22.806	256.000
258.000	44.2087	270.8621	323.9066	3.2745	0.3129	0.5390	300.45	0.1628	203.6	13.35	0.6740	22.623	258.000
260.000	44.5657	271.5054	324.9842	3.2788	0.3129	0.5387	301.67	0.1638	205.0	13.55	0.6742	22.439	260.000
262.000	44.9258	272.1504	326.0611	3.2828	0.3129	0.5382	302.87	0.1648	206.3	13.76	0.6737	22.259	262.000
264.000	45.2914	272.7976	327.1373	3.2868	0.3129	0.5379	304.07	0.1658	207.6	13.96	0.6736	22.079	264.000
266.000	45.6465	273.4371	328.2129	3.2910	0.3129	0.5377	305.27	0.1668	209.0	14.16	0.6737	21.907	266.000
268.000	46.0072	274.0791	329.2878	3.2950	0.3127	0.5372	306.46	0.1678	210.3	14.37	0.6733	21.736	268.000
270.000	46.3651	274.7248	330.3622	3.2990	0.3127	0.5369	307.64	0.1688	211.6	14.58	0.6731	21.568	270.000
272.000	46.7287	275.3617	331.4361	3.3028	0.3127	0.5367	308.82	0.1698	212.9	14.78	0.6729	21.400	272.000
274.000	47.0891	276.0021	332.5090	3.3068	0.3127	0.5364	310.00	0.1708	214.3	14.99	0.6731	21.236	274.000
276.000	47.4461	276.6464	333.5816	3.3108	0.3127	0.5362	311.17	0.1718	215.6	15.20	0.6729	21.077	276.000
278.000	47.8085	277.2883	334.6535	3.3148	0.3127	0.5359	312.33	0.1728	216.9	15.41	0.6727	20.917	278.000
280.000	48.1673	277.9242	335.7249	3.3188	0.3127	0.5357	313.49	0.1738	218.2	15.63	0.6725	20.761	280.000
282.000	48.5221	278.5693	336.7958	3.3228	0.3127	0.5354	314.64	0.1748	219.5	15.84	0.6724	20.609	282.000
284.000	48.8821	279.2076	337.8662	3.3261	0.3124	0.5352	315.79	0.1758	220.8	16.06	0.6722	20.457	284.000
286.000	49.2379	279.8506	338.9361	3.3298	0.3124	0.5349	316.93	0.1767	222.1	16.26	0.6724	20.310	286.000
288.000	49.5989	280.4969	340.0055	3.3336	0.3124	0.5347	318.07	0.1777	223.4	16.48	0.6722	20.162	288.000
290.000	49.9552	281.1284	341.0746	3.3371	0.3124	0.5344	319.20	0.1787	224.7	16.70	0.6720	20.018	290.000
292.000	50.3167	281.7636	342.1430	3.3408	0.3124	0.5342	320.33	0.1797	225.9	16.93	0.6715	19.874	292.000
294.000	50.6732	282.4031	343.2109	3.3446	0.3124	0.5339	321.45	0.1807	227.2	17.15	0.6713	19.734	294.000
296.000	51.0243	283.0493	344.2786	3.3481	0.3124	0.5337	322.57	0.1816	228.5	17.36	0.6715	19.598	296.000
298.000	51.3804	283.6891	345.3457	3.3516	0.3124	0.5334	323.69	0.1826	229.8	17.59	0.6713	19.463	298.000
300.000	51.7415	284.3228	346.4126	3.3554	0.3124	0.5332	324.80	0.1836	231.1	17.82	0.6711	19.327	300.000
302.000	52.0969	284.9627	347.4789	3.3589	0.3124	0.5332	325.90	0.1845	232.3	18.03	0.6713	19.195	302.000
304.000	52.4571	285.5963	348.5448	3.3624	0.3124	0.5329	327.00	0.1855	233.6	18.26	0.6711	19.063	304.000
306.000	52.8113	286.2369	349.6105	3.3659	0.3124	0.5327	328.10	0.1865	234.9	18.49	0.6709	18.935	306.000
308.000	53.1702	286.8713	350.6756	3.3694	0.3124	0.5324	329.20	0.1874	236.1	18.71	0.6708	18.808	308.000
310.000	53.5226	287.5136	351.7408	3.3726	0.3122	0.5324	330.28	0.1884	237.4	18.94	0.6709	18.684	310.000
312.000	53.8798	288.1494	352.8051	3.3761	0.3122	0.5322	331.37	0.1893	238.6	19.16	0.6708	18.560	312.000
314.000	54.2299	288.7933	353.8693	3.3796	0.3122	0.5319	332.45	0.1903	239.9	19.40	0.6706	18.440	314.000
316.000	54.5966	289.4172	354.9331	3.3829	0.3122	0.5319	333.53	0.1912	241.1	19.62	0.6708	18.316	316.000
318.000	54.9441	290.0638	355.9968	3.3864	0.3122	0.5317	334.60	0.1922	242.4	19.86	0.6706	18.200	318.000
320.000	55.2961	290.7046	357.0599	3.3897	0.3122	0.5314	335.67	0.1931	243.6	20.09	0.6704	18.084	320.000
322.000	55.6526	291.3397	358.1228	3.3929	0.3122	0.5314	336.73	0.1941	244.8	20.33	0.6703	17.969	322.000
324.000	56.0137	291.9689	359.1854	3.3962	0.3122	0.5312	337.79	0.1950	246.1	20.56	0.6704	17.853	324.000
326.000	56.3669	292.6073	360.2476	3.3994	0.3122	0.5312	338.85	0.1960	247.3	20.80	0.6702	17.741	326.000

THERMODYNAMIC PROPERTIES OF ARGON

12.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
328.000	56.7245	293.2402	361.3097	3.4027	0.3122	0.5389	339.91	0.1969	248.5	21.04	0.6701	17.629	328.000
330.000	57.0737	293.8828	362.3713	3.4059	0.3122	0.5387	340.96	0.1979	249.7	21.28	0.6696	17.521	330.000
332.000	57.4273	294.5266	363.4327	3.4092	0.3122	0.5387	342.00	0.1988	251.0	21.51	0.6700	17.413	332.000
334.000	57.7852	295.1716	364.4938	3.4124	0.3122	0.5384	343.04	0.1997	252.2	21.75	0.6699	17.305	334.000
336.000	58.1476	295.7778	365.5547	3.4154	0.3122	0.5384	344.08	0.2007	253.4	22.00	0.6697	17.198	336.000
338.000	58.5089	296.4142	366.6153	3.4187	0.3122	0.5382	345.12	0.2016	254.6	22.24	0.6696	17.094	338.000
340.000	58.8447	297.0623	367.6756	3.4217	0.3122	0.5382	346.15	0.2025	255.8	22.48	0.6697	16.994	340.000
342.000	59.2066	297.6879	368.7358	3.4250	0.3122	0.5299	347.18	0.2035	257.0	22.74	0.6693	16.896	342.000
344.000	59.5588	298.3255	369.7960	3.4280	0.3122	0.5299	348.21	0.2044	258.2	22.97	0.6694	16.798	344.000
346.000	59.9151	298.9574	370.8556	3.4310	0.3122	0.5297	349.23	0.2053	259.4	23.22	0.6693	16.698	346.000
348.000	60.2613	299.6014	371.9150	3.4342	0.3122	0.5297	350.25	0.2062	260.6	23.46	0.6694	16.594	348.000
350.000	60.6262	300.2227	372.9741	3.4372	0.3122	0.5294	351.26	0.2071	261.8	23.72	0.6693	16.495	350.000
352.000	60.9806	300.8563	374.0330	3.4402	0.3122	0.5294	352.27	0.2081	263.0	23.97	0.6691	16.399	352.000
354.000	61.3242	301.5028	375.0919	3.4432	0.3122	0.5294	353.28	0.2090	264.2	24.21	0.6693	16.307	354.000
356.000	61.6669	302.1259	376.1502	3.4462	0.3122	0.5292	354.29	0.2099	265.4	24.47	0.6691	16.211	356.000
358.000	62.0385	302.7624	377.2086	3.4496	0.3122	0.5292	355.29	0.2108	266.6	24.71	0.6693	16.119	358.000
360.000	62.3942	303.3935	378.2665	3.4528	0.3122	0.5289	356.29	0.2117	267.7	24.97	0.6689	16.027	360.000
362.000	62.7382	304.0387	379.3246	3.4558	0.3122	0.5289	357.29	0.2126	268.9	25.22	0.6690	15.939	362.000
364.000	63.1020	304.6599	380.3822	3.4588	0.3122	0.5287	358.28	0.2135	270.1	25.48	0.6688	15.847	364.000
366.000	63.4538	305.2962	381.4396	3.4617	0.3122	0.5287	359.27	0.2144	271.2	25.73	0.6687	15.759	366.000
368.000	63.7934	305.9451	382.4972	3.4648	0.3122	0.5287	360.26	0.2153	272.4	25.98	0.6689	15.676	368.000
370.000	64.1531	306.5784	383.5541	3.4685	0.3122	0.5284	361.24	0.2162	273.6	26.25	0.6687	15.588	370.000
372.000	64.5002	307.2169	384.6112	3.4693	0.3122	0.5284	362.22	0.2171	274.7	26.50	0.6686	15.504	372.000
374.000	64.8688	307.8263	385.6678	3.4723	0.3122	0.5284	363.20	0.2180	275.9	26.76	0.6688	15.416	374.000
376.000	65.2059	308.4774	386.7245	3.4756	0.3122	0.5282	364.18	0.2189	277.1	27.02	0.6686	15.336	376.000
378.000	65.5645	309.1034	387.7809	3.4778	0.3122	0.5282	365.15	0.2198	278.2	27.28	0.6685	15.252	378.000
380.000	65.9008	309.7455	388.8372	3.4805	0.3122	0.5282	366.12	0.2207	279.4	27.54	0.6687	15.172	380.000
382.000	66.2763	310.3616	389.8931	3.4833	0.3122	0.5279	367.09	0.2216	280.5	27.82	0.6683	15.088	382.000
384.000	66.6291	310.9941	390.9490	3.4866	0.3122	0.5279	368.05	0.2225	281.7	28.08	0.6684	15.008	384.000
386.000	66.9677	311.6435	392.0048	3.4888	0.3122	0.5279	369.01	0.2233	282.8	28.33	0.6686	14.933	386.000
388.000	67.3288	312.2669	393.0605	3.4915	0.3122	0.5277	369.97	0.2242	283.9	28.61	0.6682	14.853	388.000
390.000	67.6788	312.9072	394.1158	3.4943	0.3122	0.5277	370.93	0.2251	285.1	28.87	0.6683	14.777	390.000
392.000	68.0232	313.5431	395.1710	3.4970	0.3122	0.5277	371.88	0.2260	286.2	29.13	0.6682	14.701	392.000
394.000	68.3762	314.1746	396.2261	3.4998	0.3122	0.5274	372.83	0.2269	287.3	29.42	0.6678	14.625	394.000
396.000	68.7330	314.8016	397.2812	3.5023	0.3122	0.5274	373.78	0.2277	288.5	29.67	0.6683	14.549	396.000
398.000	69.0934	315.4237	398.3358	3.5051	0.3122	0.5274	374.73	0.2286	289.6	29.95	0.6682	14.473	398.000
400.000	69.4384	316.0646	399.3907	3.5076	0.3122	0.5272	375.67	0.2295	290.7	30.23	0.6678	14.401	400.000

THERMODYNAMIC PROPERTIES OF ARGON

14.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
86.000	0.7113	71.0316	72.0274	1.3380	0.0716	1.3077	632.27	1.3141	2743.0	0.71	2.7296	1405.926	86.000
87.000	0.7144	73.1182	74.1188	1.3530	0.0333	1.2792	639.22	1.2961	2661.6	0.72	2.6268	1399.802	87.000
88.000	0.7176	74.3017	75.2062	1.3675	0.7993	1.2551	645.66	1.2784	2583.7	0.73	2.5367	1393.638	88.000
89.000	0.7207	75.6213	76.6384	1.3815	0.7685	1.2351	650.19	1.2614	2509.4	0.74	2.4571	1387.462	89.000
90.000	0.7240	76.8439	77.8575	1.3953	0.7412	1.2181	654.45	1.2447	2438.2	0.74	2.3861	1381.242	90.000
91.000	0.7273	78.0586	79.0688	1.4088	0.7167	1.2043	657.91	1.2284	2369.9	0.74	2.3234	1374.988	91.000
92.000	0.7306	79.2670	80.2699	1.4218	0.6947	1.1928	660.68	1.2125	2304.4	0.74	2.2678	1368.695	92.000
93.000	0.7340	80.4265	81.4541	1.4346	0.6746	1.1835	662.81	1.1969	2241.5	0.74	2.2185	1362.367	93.000
94.000	0.7375	81.6007	82.6332	1.4471	0.6569	1.1763	664.22	1.1816	2180.9	0.74	2.1711	1355.979	94.000
95.000	0.7410	82.7710	83.8004	1.4596	0.6408	1.1710	664.91	1.1666	2122.5	0.74	2.1305	1349.519	95.000
96.000	0.7446	83.9345	84.9770	1.4719	0.6263	1.1676	664.99	1.1519	2066.1	0.73	2.0932	1343.004	96.000
97.000	0.7483	85.0962	86.1437	1.4839	0.6133	1.1645	664.55	1.1374	2011.8	0.73	2.0598	1336.436	97.000
98.000	0.7520	86.2544	87.3072	1.4959	0.6015	1.1638	663.55	1.1231	1959.2	0.73	2.0288	1329.793	98.000
99.000	0.7558	87.4104	88.4685	1.5077	0.5906	1.1628	662.13	1.1090	1908.6	0.72	2.0011	1323.106	99.000
100.000	0.7597	88.5679	89.6315	1.5192	0.5808	1.1635	660.18	1.0951	1859.5	0.72	1.9767	1316.327	100.000
101.000	0.7637	89.7266	90.7958	1.5310	0.5720	1.1650	657.73	1.0814	1811.9	0.71	1.9528	1309.468	101.000
102.000	0.7677	90.8875	91.9623	1.5425	0.5637	1.1673	654.93	1.0678	1765.8	0.70	1.9303	1302.545	102.000
103.000	0.7719	92.0507	93.1313	1.5538	0.5562	1.1703	651.69	1.0544	1721.1	0.70	1.9102	1295.542	103.000
104.000	0.7761	93.2148	94.3006	1.5650	0.5495	1.1738	648.28	1.0412	1677.9	0.69	1.8915	1288.475	104.000
105.000	0.7805	94.3872	95.4799	1.5763	0.5430	1.1780	644.26	1.0280	1636.8	0.68	1.8745	1281.364	105.000
106.000	0.7849	95.5593	96.6581	1.5876	0.5372	1.1830	640.06	1.0150	1596.0	0.67	1.8591	1274.006	106.000
107.000	0.7894	96.7402	97.8454	1.5988	0.5319	1.1883	635.48	1.0021	1555.3	0.67	1.8443	1266.731	107.000
108.000	0.7941	97.9255	99.0372	1.6098	0.5269	1.1943	630.61	0.9892	1516.7	0.66	1.8312	1259.297	108.000
109.000	0.7989	99.1146	100.2338	1.6209	0.5222	1.2008	625.58	0.9765	1479.1	0.65	1.8189	1251.787	109.000
110.000	0.8038	100.3124	101.4376	1.6319	0.5179	1.2081	620.04	0.9638	1442.5	0.64	1.8081	1244.161	110.000
111.000	0.8088	101.5174	102.6497	1.6429	0.5142	1.2156	614.28	0.9512	1406.8	0.63	1.7978	1236.427	111.000
112.000	0.8139	102.7300	103.8703	1.6536	0.5104	1.2238	608.24	0.9387	1372.0	0.62	1.7888	1228.585	112.000
113.000	0.8192	103.9517	105.0996	1.6647	0.5072	1.2329	601.98	0.9262	1338.1	0.62	1.7811	1220.639	113.000
114.000	0.8247	105.1884	106.3358	1.6754	0.5039	1.2426	595.48	0.9137	1305.0	0.61	1.7748	1212.566	114.000
115.000	0.8303	106.4214	107.5838	1.6864	0.5012	1.2531	588.58	0.9013	1272.5	0.60	1.7692	1204.352	115.000
116.000	0.8361	107.6717	108.8422	1.6975	0.4986	1.2644	581.37	0.8888	1240.9	0.59	1.7653	1196.019	116.000
117.000	0.8421	108.9325	110.1114	1.7082	0.4961	1.2764	573.92	0.8764	1209.8	0.58	1.7628	1187.526	117.000
118.000	0.8483	110.2066	111.3956	1.7192	0.4941	1.2899	566.10	0.8640	1179.3	0.57	1.7607	1178.861	118.000
119.000	0.8547	111.4962	112.6927	1.7300	0.4924	1.3042	558.04	0.8515	1149.5	0.56	1.7606	1170.045	119.000
120.000	0.8613	112.7996	114.0044	1.7410	0.4906	1.3202	549.63	0.8390	1120.1	0.55	1.7625	1161.037	120.000
121.000	0.8682	114.1186	115.3334	1.7520	0.4894	1.3375	540.85	0.8264	1091.2	0.54	1.7661	1151.821	121.000
122.000	0.8754	115.4549	116.6804	1.7633	0.4881	1.3565	531.74	0.8137	1062.8	0.53	1.7718	1142.385	122.000
* 122.610	0.8799	116.2956	117.5175	1.7701	0.4876	1.3693	525.93	0.8059	1045.4	0.52	1.7762	1136.461	122.610
* 122.610	14.4413	220.2848	240.5026	2.7724	0.4228	0.9572	183.26	0.1031	108.1	1.56	1.0037	69.246	122.610
123.000	14.5310	220.5207	240.8641	2.7751	0.4205	0.9472	183.90	0.1032	108.3	1.58	0.9940	68.818	123.000
124.000	14.7720	221.1169	241.7988	2.7826	0.4156	0.9224	185.55	0.1033	109.0	1.65	0.9733	67.892	124.000
125.000	15.0111	221.6942	242.7097	2.7901	0.4106	0.9002	187.16	0.1034	109.6	1.72	0.9541	66.617	125.000
126.000	15.2442	222.2578	243.5997	2.7971	0.4056	0.8799	188.72	0.1036	110.3	1.79	0.9368	65.599	126.000
127.000	15.4732	222.8071	244.4696	2.8039	0.4005	0.8614	190.25	0.1038	111.0	1.86	0.9211	64.628	127.000
128.000	15.6983	223.3448	245.3224	2.8107	0.3963	0.8443	191.74	0.1040	111.7	1.93	0.9069	63.701	128.000

THERMODYNAMIC PROPERTIES OF ARGON

14.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
129.000	15.9288	223.8783	246.1582	2.8172	0.3925	0.8288	193.19	0.1642	112.4	2.66	0.8941	62.814	129.000
130.000	16.1386	224.3863	246.9883	2.8234	0.3888	0.8143	194.61	0.1644	113.1	2.67	0.8822	61.963	130.000
131.000	16.3537	224.8922	247.7874	2.8297	0.3853	0.8008	196.01	0.1647	113.7	2.14	0.8696	61.148	131.000
132.000	16.5689	225.3888	248.5816	2.8357	0.3817	0.7885	197.37	0.1649	114.4	2.26	0.8599	60.361	132.000
133.000	16.7767	225.8778	249.3644	2.8417	0.3787	0.7778	198.72	0.1652	115.1	2.27	0.8501	59.606	133.000
134.000	16.9858	226.3589	250.1359	2.8475	0.3757	0.7662	200.03	0.1655	115.9	2.34	0.8418	58.875	134.000
135.000	17.1983	226.8382	250.8987	2.8532	0.3730	0.7562	201.32	0.1658	116.6	2.40	0.8334	58.172	135.000
136.000	17.3946	227.2966	251.6484	2.8587	0.3705	0.7467	202.59	0.1661	117.3	2.47	0.8255	57.489	136.000
137.000	17.5963	227.7555	252.3984	2.8640	0.3680	0.7380	203.84	0.1665	118.0	2.54	0.8176	56.830	137.000
138.000	17.7962	228.2107	253.1248	2.8695	0.3655	0.7297	205.07	0.1668	118.7	2.60	0.8110	56.195	138.000
139.000	17.9935	228.6586	253.8495	2.8747	0.3632	0.7217	206.28	0.1671	119.4	2.67	0.8046	55.576	139.000
140.000	18.1909	229.1001	254.5674	2.8797	0.3612	0.7144	207.47	0.1675	120.1	2.74	0.7982	54.972	140.000
141.000	18.3847	229.5399	255.2784	2.8847	0.3592	0.7074	208.65	0.1678	120.8	2.80	0.7927	54.393	141.000
142.000	18.5784	229.9738	255.9828	2.8896	0.3572	0.7009	209.81	0.1682	121.6	2.87	0.7877	53.826	142.000
143.000	18.7707	230.4013	256.6802	2.8943	0.3555	0.6947	210.95	0.1686	122.3	2.93	0.7823	53.275	143.000
144.000	18.9612	230.8259	257.3716	2.8990	0.3537	0.6889	212.08	0.1689	123.0	3.00	0.7781	52.739	144.000
145.000	19.1512	231.2468	258.0577	2.9043	0.3522	0.6834	213.20	0.1693	123.7	3.06	0.7734	52.216	145.000
146.000	19.3391	231.6636	258.7383	2.9090	0.3505	0.6779	214.30	0.1697	124.5	3.13	0.7693	51.709	146.000
147.000	19.5277	232.0752	259.4140	2.9135	0.3490	0.6729	215.38	0.1701	125.2	3.20	0.7652	51.209	147.000
148.000	19.7138	232.4848	260.0841	2.9180	0.3477	0.6681	216.46	0.1705	125.9	3.26	0.7612	50.726	148.000
149.000	19.8987	232.8918	260.7500	2.9225	0.3462	0.6636	217.52	0.1709	126.7	3.33	0.7582	50.255	149.000
150.000	20.0823	233.2962	261.4113	2.9271	0.3449	0.6594	218.57	0.1713	127.4	3.39	0.7547	49.795	150.000
151.000	20.2668	233.6988	262.0684	2.9313	0.3437	0.6551	219.61	0.1717	128.1	3.46	0.7513	49.344	151.000
152.000	20.4481	234.0948	262.7213	2.9358	0.3424	0.6511	220.64	0.1721	128.8	3.52	0.7481	48.904	152.000
153.000	20.6301	234.4895	263.3706	2.9401	0.3414	0.6473	221.66	0.1725	129.6	3.59	0.7457	48.473	153.000
154.000	20.8102	234.8828	264.0162	2.9441	0.3402	0.6438	222.67	0.1729	130.3	3.65	0.7431	48.053	154.000
155.000	20.9899	235.2722	264.6580	2.9483	0.3392	0.6403	223.67	0.1734	131.0	3.72	0.7397	47.642	155.000
156.000	21.1692	235.6593	265.2961	2.9523	0.3382	0.6371	224.65	0.1738	131.8	3.78	0.7378	47.239	156.000
157.000	21.3479	236.0451	265.9322	2.9566	0.3372	0.6338	225.63	0.1742	132.5	3.85	0.7354	46.843	157.000
158.000	21.5268	236.4279	266.5643	2.9606	0.3364	0.6308	226.60	0.1746	133.2	3.91	0.7332	46.456	158.000
159.000	21.7033	236.8093	267.1938	2.9644	0.3354	0.6278	227.57	0.1751	134.0	3.98	0.7309	46.076	159.000
160.000	21.8797	237.1886	267.8202	2.9684	0.3347	0.6251	228.52	0.1755	134.7	4.04	0.7290	45.705	160.000
161.000	22.0551	237.5668	268.4440	2.9724	0.3339	0.6226	229.47	0.1760	135.4	4.11	0.7267	45.341	161.000
162.000	22.2294	237.9441	269.0653	2.9761	0.3332	0.6198	230.40	0.1764	136.2	4.17	0.7262	44.985	162.000
163.000	22.4045	238.3173	269.6836	2.9799	0.3324	0.6173	231.33	0.1768	136.9	4.24	0.7235	44.634	163.000
164.000	22.5783	238.6966	270.2996	2.9836	0.3317	0.6150	232.25	0.1773	137.6	4.31	0.7215	44.290	164.000
165.000	22.7527	239.0694	270.9132	2.9874	0.3309	0.6128	233.17	0.1777	138.4	4.37	0.7206	43.951	165.000
166.000	22.9257	239.4398	271.5250	2.9911	0.3304	0.6105	234.08	0.1782	139.1	4.44	0.7185	43.619	166.000
167.000	23.0978	239.7987	272.1345	2.9949	0.3297	0.6083	234.98	0.1786	139.8	4.50	0.7170	43.296	167.000
168.000	23.2709	240.1626	272.7413	2.9984	0.3292	0.6063	235.87	0.1791	140.6	4.57	0.7157	42.972	168.000
169.000	23.4409	240.5296	273.3468	3.0019	0.3284	0.6043	236.76	0.1796	141.3	4.64	0.7139	42.660	169.000
170.000	23.6134	240.8916	273.9503	3.0057	0.3279	0.6025	237.64	0.1800	142.0	4.70	0.7130	42.349	170.000
171.000	23.7839	241.2548	274.5514	3.0092	0.3274	0.6005	238.52	0.1805	142.8	4.77	0.7117	42.045	171.000
172.000	23.9546	241.6158	275.1514	3.0127	0.3269	0.5988	239.39	0.1809	143.5	4.84	0.7107	41.746	172.000
173.000	24.1231	241.9771	275.7496	3.0159	0.3264	0.5970	240.25	0.1814	144.2	4.91	0.7092	41.454	173.000

THERMODYNAMIC PROPERTIES OF ARGON

14.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
174.000	24.2948	242.3841	276.3457	3.0194	0.3259	0.5955	241.11	0.1219	145.0	4.97	0.7084	41.162	174.000
176.000	24.4626	242.6929	276.9485	3.0229	0.3254	0.5938	241.96	0.1223	145.7	5.04	0.7074	40.879	176.000
176.000	24.6311	243.0498	277.5333	3.0262	0.3252	0.5923	242.81	0.1228	146.4	5.11	0.7061	40.599	176.000
177.000	24.7994	243.4069	278.1251	3.0297	0.3247	0.5908	243.65	0.1233	147.2	5.18	0.7053	40.324	177.000
178.000	24.9676	243.7601	278.7148	3.0329	0.3242	0.5893	244.49	0.1238	147.9	5.25	0.7040	40.052	178.000
179.000	25.1356	244.1138	279.3036	3.0362	0.3239	0.5880	245.32	0.1242	148.6	5.31	0.7035	39.784	179.000
180.000	25.3033	244.4666	279.8906	3.0395	0.3234	0.5865	246.15	0.1247	149.4	5.38	0.7027	39.521	180.000
181.000	25.4706	244.8177	280.4766	3.0427	0.3232	0.5853	246.97	0.1252	150.1	5.45	0.7017	39.261	181.000
182.000	25.6376	245.1722	281.0611	3.0460	0.3227	0.5840	247.79	0.1257	150.8	5.52	0.7006	39.009	182.000
183.000	25.8044	245.5226	281.6446	3.0492	0.3224	0.5828	248.60	0.1262	151.5	5.59	0.6996	38.758	183.000
184.000	25.9701	245.8685	282.2266	3.0522	0.3222	0.5815	249.41	0.1266	152.3	5.65	0.6996	38.506	184.000
185.000	26.1355	246.2177	282.8074	3.0555	0.3217	0.5805	250.21	0.1271	153.0	5.72	0.6988	38.262	185.000
186.000	26.3002	246.5671	283.3874	3.0585	0.3214	0.5793	251.01	0.1276	153.7	5.79	0.6977	38.023	186.000
187.000	26.4643	246.9162	283.9661	3.0617	0.3212	0.5783	251.80	0.1281	154.4	5.86	0.6970	37.787	187.000
188.000	26.6284	247.2611	284.5436	3.0647	0.3209	0.5773	252.59	0.1286	155.2	5.93	0.6967	37.551	188.000
189.000	26.7917	247.6064	285.1204	3.0677	0.3207	0.5760	253.38	0.1291	155.9	6.01	0.6956	37.319	189.000
190.000	26.9542	247.9516	285.6959	3.0707	0.3204	0.5750	254.16	0.1296	156.6	6.08	0.6948	37.092	190.000
191.000	27.1238	248.2971	286.2704	3.0740	0.3202	0.5742	254.94	0.1301	157.3	6.15	0.6943	36.868	191.000
192.000	27.2894	248.6390	286.8441	3.0770	0.3199	0.5732	255.71	0.1306	158.1	6.22	0.6940	36.644	192.000
193.000	27.4518	248.9853	287.4166	3.0798	0.3197	0.5722	256.48	0.1311	158.8	6.29	0.6932	36.429	193.000
194.000	27.6145	249.3283	287.9886	3.0828	0.3194	0.5715	257.25	0.1316	159.5	6.36	0.6927	36.213	194.000
195.000	27.7800	249.6674	288.5594	3.0858	0.3192	0.5705	258.02	0.1320	160.2	6.43	0.6924	35.997	195.000
196.000	27.9412	250.0119	289.1296	3.0888	0.3189	0.5697	258.78	0.1325	161.0	6.50	0.6923	35.789	196.000
197.000	28.1043	250.3525	289.6986	3.0915	0.3187	0.5687	259.53	0.1330	161.7	6.57	0.6915	35.582	197.000
198.000	28.2662	250.6942	290.2668	3.0945	0.3184	0.5680	260.28	0.1335	162.4	6.64	0.6909	35.378	198.000
199.000	28.4290	251.0329	290.8348	3.0973	0.3184	0.5672	261.03	0.1340	163.1	6.72	0.6904	35.174	199.000
200.000	28.5923	251.3721	291.4013	3.1000	0.3182	0.5665	261.78	0.1345	163.8	6.79	0.6899	34.974	200.000
202.000	28.9427	252.0175	292.5373	3.1060	0.3177	0.5650	263.26	0.1355	165.3	6.94	0.6892	34.551	202.000
204.000	29.2641	252.6902	293.6660	3.1115	0.3174	0.5635	264.73	0.1365	166.7	7.09	0.6882	34.172	204.000
206.000	29.5893	253.3667	294.7917	3.1171	0.3172	0.5622	266.19	0.1375	168.1	7.24	0.6874	33.796	206.000
208.000	29.9118	254.0397	295.9152	3.1223	0.3169	0.5610	267.63	0.1386	169.5	7.39	0.6866	33.432	208.000
210.000	30.2325	254.7103	297.0359	3.1278	0.3164	0.5597	269.07	0.1396	171.0	7.54	0.6856	33.077	210.000
212.000	30.5536	255.3791	298.1541	3.1331	0.3162	0.5587	270.49	0.1406	172.4	7.69	0.6851	32.729	212.000
214.000	30.8739	256.0469	299.2703	3.1383	0.3159	0.5575	271.90	0.1416	173.8	7.84	0.6842	32.390	214.000
216.000	31.1932	256.7148	300.3845	3.1436	0.3159	0.5565	273.30	0.1426	175.2	7.99	0.6837	32.058	216.000
218.000	31.5152	257.3754	301.4967	3.1486	0.3157	0.5555	274.69	0.1436	176.6	8.15	0.6831	31.731	218.000
220.000	31.8318	258.0423	302.6069	3.1536	0.3154	0.5547	276.07	0.1446	178.0	8.30	0.6829	31.415	220.000
222.000	32.1507	258.7041	303.7151	3.1586	0.3152	0.5537	277.44	0.1456	179.4	8.45	0.6823	31.104	222.000
224.000	32.4676	259.3668	304.8215	3.1636	0.3149	0.5530	278.80	0.1467	180.8	8.61	0.6815	30.800	224.000
226.000	32.7866	260.0253	305.9265	3.1686	0.3149	0.5520	280.15	0.1477	182.2	8.77	0.6809	30.500	226.000
228.000	33.1031	260.6853	307.0296	3.1734	0.3147	0.5512	281.49	0.1487	183.6	8.93	0.6806	30.209	228.000
230.000	33.4213	261.3415	308.1313	3.1781	0.3144	0.5505	282.83	0.1497	185.0	9.09	0.6803	29.921	230.000
232.000	33.7366	262.0003	309.2315	3.1829	0.3144	0.5497	284.16	0.1507	186.4	9.25	0.6799	29.641	232.000
234.000	34.0532	262.6556	310.3302	3.1876	0.3142	0.5490	285.47	0.1517	187.8	9.41	0.6796	29.366	234.000
236.000	34.3665	263.3143	311.4273	3.1924	0.3142	0.5485	286.77	0.1527	189.2	9.57	0.6796	29.098	236.000

THERMODYNAMIC PROPERTIES OF ARGON

14.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
238.000	34.6887	263.9705	312.5235	3.1969	0.3139	0.5477	288.68	0.1537	190.5	9.73	0.6788	28.834	238.000
240.000	34.9959	264.6248	313.6182	3.2017	0.3139	0.5470	289.37	0.1548	191.9	9.90	0.6780	28.575	240.000
242.000	35.3118	265.2754	314.7119	3.2062	0.3139	0.5465	290.05	0.1558	193.3	10.07	0.6780	28.319	242.000
244.000	35.6284	265.9313	315.8048	3.2107	0.3137	0.5460	291.93	0.1568	194.6	10.23	0.6778	28.071	244.000
246.000	35.9485	266.5785	316.8952	3.2152	0.3137	0.5455	293.20	0.1578	196.0	10.40	0.6776	27.824	246.000
248.000	36.2628	267.2315	317.9854	3.2194	0.3134	0.5447	294.46	0.1588	197.4	10.57	0.6771	27.584	248.000
250.000	36.5852	267.8832	319.0745	3.2239	0.3134	0.5442	295.72	0.1598	198.7	10.74	0.6767	27.348	250.000
252.000	36.8776	268.5388	320.1624	3.2282	0.3134	0.5437	296.97	0.1608	200.1	10.91	0.6766	27.117	252.000
254.000	37.1899	269.1887	321.2498	3.2325	0.3134	0.5432	298.21	0.1618	201.4	11.08	0.6762	26.889	254.000
256.000	37.5019	269.8336	322.3358	3.2367	0.3132	0.5427	299.44	0.1628	202.8	11.25	0.6760	26.665	256.000
258.000	37.8135	270.4818	323.4207	3.2410	0.3132	0.5425	300.67	0.1638	204.1	11.42	0.6759	26.446	258.000
260.000	38.1245	271.1306	324.5051	3.2452	0.3132	0.5420	301.90	0.1648	205.4	11.59	0.6756	26.230	260.000
262.000	38.4486	271.7716	325.5885	3.2492	0.3132	0.5415	303.11	0.1658	206.8	11.77	0.6753	26.014	262.000
264.000	38.7581	272.4211	326.6712	3.2535	0.3129	0.5412	304.32	0.1668	208.1	11.94	0.6752	25.806	264.000
266.000	39.0684	273.0718	327.7528	3.2575	0.3129	0.5407	305.53	0.1678	209.4	12.12	0.6748	25.603	266.000
268.000	39.3717	273.7135	328.8348	3.2615	0.3129	0.5405	306.72	0.1688	210.8	12.30	0.6749	25.399	268.000
270.000	39.6838	274.3571	329.9144	3.2655	0.3129	0.5400	307.92	0.1698	212.1	12.48	0.6745	25.199	270.000
272.000	39.9881	275.0184	330.9938	3.2695	0.3129	0.5397	309.10	0.1707	213.4	12.65	0.6747	25.007	272.000
274.000	40.3036	275.6477	332.0727	3.2735	0.3127	0.5392	310.28	0.1717	214.7	12.83	0.6742	24.812	274.000
276.000	40.6189	276.2958	333.1508	3.2775	0.3127	0.5390	311.46	0.1727	216.0	13.01	0.6741	24.624	276.000
278.000	40.9229	276.9362	334.2282	3.2813	0.3127	0.5387	312.63	0.1737	217.3	13.20	0.6739	24.436	278.000
280.000	41.2282	277.5884	335.3051	3.2850	0.3127	0.5382	313.80	0.1747	218.6	13.38	0.6734	24.256	280.000
282.000	41.5489	278.2248	336.3813	3.2890	0.3127	0.5379	314.95	0.1757	219.9	13.57	0.6733	24.073	282.000
284.000	41.8484	278.8719	337.4569	3.2928	0.3127	0.5377	316.11	0.1766	221.2	13.74	0.6736	23.897	284.000
286.000	42.1585	279.5128	338.5321	3.2965	0.3127	0.5374	317.26	0.1776	222.5	13.93	0.6733	23.721	286.000
288.000	42.4646	280.1568	339.6065	3.3003	0.3124	0.5372	318.40	0.1786	223.8	14.12	0.6732	23.549	288.000
290.000	42.7768	280.7939	340.6804	3.3040	0.3124	0.5367	319.54	0.1796	225.1	14.31	0.6727	23.378	290.000
292.000	43.0779	281.4448	341.7538	3.3078	0.3124	0.5364	320.68	0.1805	226.4	14.49	0.6729	23.214	292.000
294.000	43.3915	282.0788	342.8264	3.3113	0.3124	0.5362	321.81	0.1815	227.6	14.69	0.6724	23.046	294.000
296.000	43.6944	282.7266	343.8988	3.3151	0.3124	0.5359	322.93	0.1825	228.9	14.88	0.6722	22.886	296.000
298.000	44.0017	283.3683	344.9707	3.3186	0.3124	0.5357	324.05	0.1834	230.2	15.06	0.6724	22.726	298.000
300.000	44.3132	284.0033	346.0418	3.3221	0.3124	0.5354	325.17	0.1844	231.5	15.26	0.6722	22.567	300.000
302.000	44.6213	284.6429	347.1127	3.3258	0.3124	0.5352	326.28	0.1853	232.7	15.45	0.6721	22.411	302.000
304.000	44.9256	285.2873	348.1831	3.3293	0.3124	0.5352	327.38	0.1863	234.0	15.64	0.6722	22.259	304.000
306.000	45.2341	285.9253	349.2530	3.3328	0.3124	0.5349	328.49	0.1873	235.2	15.84	0.6718	22.107	306.000
308.000	45.5386	286.5687	350.3227	3.3363	0.3124	0.5347	329.58	0.1882	236.5	16.03	0.6719	21.959	308.000
310.000	45.8471	287.2058	351.3918	3.3398	0.3124	0.5344	330.68	0.1892	237.8	16.23	0.6717	21.812	310.000
312.000	46.1514	287.8484	352.4604	3.3431	0.3124	0.5342	331.77	0.1901	239.0	16.42	0.6716	21.668	312.000
314.000	46.4598	288.4848	353.5286	3.3466	0.3124	0.5339	332.85	0.1911	240.3	16.63	0.6714	21.524	314.000
316.000	46.7686	289.1275	354.5965	3.3499	0.3122	0.5339	333.93	0.1920	241.5	16.82	0.6716	21.384	316.000
318.000	47.0714	289.7639	355.6638	3.3534	0.3122	0.5337	335.01	0.1930	242.7	17.02	0.6711	21.244	318.000
320.000	47.3832	290.3945	356.7310	3.3566	0.3122	0.5334	336.08	0.1939	244.0	17.22	0.6713	21.105	320.000
322.000	47.6901	291.0314	357.7978	3.3599	0.3122	0.5332	337.15	0.1948	245.2	17.42	0.6711	20.969	322.000
324.000	47.9918	291.6754	358.8640	3.3634	0.3122	0.5332	338.22	0.1958	246.4	17.62	0.6710	20.837	324.000
326.000	48.2974	292.3138	359.9301	3.3666	0.3122	0.5329	339.28	0.1967	247.7	17.83	0.6711	20.705	326.000

THERMODYNAMIC PROPERTIES OF ARGON

14.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
328.000	48.6869	292.9461	366.9958	3.3699	0.3122	0.5327	340.34	0.1977	248.9	18.04	0.6766	20.573	328.000
330.000	48.9168	293.5861	362.0612	3.3731	0.3122	0.5327	341.39	0.1986	250.1	18.24	0.6768	20.445	330.000
332.000	49.2185	294.2261	363.1268	3.3761	0.3122	0.5324	342.44	0.1995	251.3	18.44	0.6767	20.318	332.000
334.000	49.5284	294.8622	364.1987	3.3794	0.3122	0.5322	343.49	0.2004	252.5	18.65	0.6766	20.194	334.000
336.000	49.8259	295.4988	365.2551	3.3826	0.3122	0.5322	344.53	0.2014	253.7	18.86	0.6764	20.070	336.000
338.000	50.1252	296.1439	366.3192	3.3859	0.3122	0.5319	345.57	0.2023	255.0	19.06	0.6765	19.950	338.000
340.000	50.4383	296.7692	367.3828	3.3889	0.3122	0.5317	346.60	0.2032	256.2	19.28	0.6764	19.826	340.000
342.000	50.7348	297.4178	368.4465	3.3919	0.3122	0.5317	347.63	0.2041	257.4	19.48	0.6765	19.710	342.000
344.000	51.0452	298.0464	369.5098	3.3952	0.3122	0.5314	348.66	0.2051	258.6	19.70	0.6761	19.598	344.000
346.000	51.3488	298.6841	370.5725	3.3982	0.3122	0.5314	349.69	0.2060	259.8	19.90	0.6762	19.475	346.000
348.000	51.6561	299.3166	371.6351	3.4012	0.3122	0.5312	350.71	0.2069	261.0	20.12	0.6761	19.359	348.000
350.000	51.9563	299.9584	372.6972	3.4044	0.3122	0.5312	351.73	0.2078	262.1	20.33	0.6760	19.247	350.000
352.000	52.2666	300.5954	373.7594	3.4074	0.3122	0.5309	352.74	0.2087	263.3	20.54	0.6698	19.135	352.000
354.000	52.5673	301.2271	374.8213	3.4104	0.3122	0.5309	353.76	0.2096	264.5	20.75	0.6700	19.023	354.000
356.000	52.8676	301.8698	375.8829	3.4134	0.3122	0.5307	354.76	0.2105	265.7	20.97	0.6699	18.915	356.000
358.000	53.1782	302.5059	376.9442	3.4162	0.3122	0.5307	355.77	0.2115	266.9	21.19	0.6697	18.808	358.000
360.000	53.4769	303.1375	378.0051	3.4192	0.3122	0.5304	356.77	0.2124	268.1	21.41	0.6695	18.700	360.000
362.000	53.7872	303.7648	379.0656	3.4222	0.3122	0.5304	357.77	0.2133	269.2	21.63	0.6695	18.592	362.000
364.000	54.0893	304.4016	380.1266	3.4252	0.3122	0.5302	358.77	0.2142	270.4	21.85	0.6693	18.488	364.000
366.000	54.3949	305.0341	381.1870	3.4280	0.3122	0.5302	359.76	0.2151	271.6	22.07	0.6695	18.384	366.000
368.000	54.6926	305.6783	382.2472	3.4310	0.3122	0.5299	360.75	0.2160	272.7	22.29	0.6696	18.284	368.000
370.000	54.9924	306.3176	383.3070	3.4337	0.3122	0.5299	361.74	0.2168	273.9	22.50	0.6695	18.184	370.000
372.000	55.2961	306.9521	384.3666	3.4367	0.3122	0.5297	362.72	0.2177	275.1	22.73	0.6693	18.084	372.000
374.000	55.6032	307.5818	385.4263	3.4395	0.3122	0.5297	363.70	0.2186	276.2	22.95	0.6693	17.985	374.000
376.000	55.9137	308.2063	386.4854	3.4422	0.3122	0.5297	364.68	0.2195	277.4	23.17	0.6694	17.885	376.000
378.000	56.2156	308.8435	387.5445	3.4452	0.3122	0.5294	365.65	0.2204	278.5	23.40	0.6690	17.789	378.000
380.000	56.5196	309.4759	388.6034	3.4480	0.3122	0.5294	366.62	0.2213	279.7	23.62	0.6692	17.693	380.000
382.000	56.8147	310.1215	389.6620	3.4507	0.3122	0.5292	367.59	0.2222	280.8	23.86	0.6687	17.601	382.000
384.000	57.1258	310.7443	390.7204	3.4535	0.3122	0.5292	368.56	0.2231	282.0	24.08	0.6689	17.505	384.000
386.000	57.4273	311.3806	391.7788	3.4562	0.3122	0.5292	369.52	0.2239	283.1	24.30	0.6691	17.413	386.000
388.000	57.7319	312.0123	392.8369	3.4590	0.3122	0.5289	370.48	0.2248	284.2	24.54	0.6687	17.321	388.000
390.000	58.0263	312.6588	393.8948	3.4618	0.3122	0.5289	371.44	0.2257	285.4	24.76	0.6688	17.234	390.000
392.000	58.3373	313.2884	394.9527	3.4643	0.3122	0.5289	372.40	0.2266	286.5	24.99	0.6688	17.142	392.000
394.000	58.6388	313.9169	396.0106	3.4670	0.3122	0.5287	373.35	0.2274	287.6	25.22	0.6686	17.054	394.000
396.000	58.9417	314.5496	397.0674	3.4698	0.3122	0.5287	374.30	0.2283	288.8	25.45	0.6688	16.966	396.000
398.000	59.2346	315.1961	398.1245	3.4723	0.3122	0.5284	375.25	0.2292	289.9	25.69	0.6684	16.882	398.000
400.000	59.5446	315.8192	399.1817	3.4750	0.3122	0.5284	376.19	0.2301	291.0	25.93	0.6683	16.794	400.000

THERMODYNAMIC PROPERTIES OF ARGON

16.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
86.000	0.7109	71.7791	72.9165	1.3375	0.8669	1.3072	637.26	1.3157	2750.0	0.72	2.7322	1400.661	86.000
87.000	0.7140	73.0648	74.2072	1.3523	0.8288	1.2787	644.15	1.2976	2688.4	0.72	2.6295	1400.557	87.000
88.000	0.7172	74.3262	75.4736	1.3668	0.7958	1.2546	649.89	1.2800	2590.3	0.73	2.5390	1394.393	88.000
89.000	0.7203	75.5649	76.7175	1.3808	0.7645	1.2341	654.87	1.2628	2515.8	0.74	2.4586	1388.217	89.000
90.000	0.7236	76.7861	77.9438	1.3946	0.7375	1.2173	659.03	1.2462	2444.4	0.74	2.3878	1382.013	90.000
91.000	0.7269	77.9904	79.1534	1.4078	0.7132	1.2031	662.44	1.2299	2376.6	0.74	2.3242	1375.769	91.000
92.000	0.7302	79.1821	80.3505	1.4211	0.6911	1.1918	665.11	1.2140	2310.3	0.74	2.2681	1369.486	92.000
93.000	0.7336	80.3656	81.5387	1.4339	0.6716	1.1823	667.09	1.1984	2247.3	0.74	2.2171	1363.162	93.000
94.000	0.7370	81.5383	82.7175	1.4464	0.6541	1.1753	668.35	1.1831	2186.5	0.74	2.1720	1356.778	94.000
95.000	0.7406	82.7032	83.8886	1.4589	0.6381	1.1698	668.97	1.1681	2128.0	0.74	2.1310	1350.342	95.000
96.000	0.7441	83.8672	85.0578	1.4712	0.6238	1.1658	668.96	1.1533	2071.5	0.74	2.0939	1343.835	96.000
97.000	0.7478	85.0246	86.2211	1.4832	0.6108	1.1638	668.46	1.1389	2017.1	0.73	2.0598	1337.283	97.000
98.000	0.7515	86.1889	87.3833	1.4952	0.5990	1.1615	667.42	1.1248	1964.6	0.73	2.0291	1330.664	98.000
99.000	0.7553	87.3359	88.5443	1.5070	0.5883	1.1613	665.91	1.1105	1913.8	0.72	2.0013	1323.989	99.000
100.000	0.7592	88.4914	89.7061	1.5185	0.5788	1.1618	663.88	1.0967	1864.6	0.72	1.9762	1317.229	100.000
101.000	0.7631	89.6456	90.8666	1.5300	0.5697	1.1633	661.46	1.0830	1817.1	0.71	1.9518	1310.418	101.000
102.000	0.7672	90.8047	92.0321	1.5415	0.5617	1.1653	658.62	1.0694	1771.0	0.70	1.9298	1303.511	102.000
103.000	0.7713	91.9651	93.1992	1.5530	0.5542	1.1683	655.33	1.0560	1726.3	0.70	1.9098	1296.528	103.000
104.000	0.7755	93.1269	94.3677	1.5643	0.5475	1.1718	651.76	1.0428	1682.9	0.69	1.8918	1289.482	104.000
105.000	0.7798	94.2957	95.5434	1.5755	0.5412	1.1760	647.83	1.0297	1640.9	0.68	1.8741	1282.347	105.000
106.000	0.7842	95.4668	96.7287	1.5866	0.5354	1.1808	643.61	1.0167	1600.0	0.68	1.8582	1275.136	106.000
107.000	0.7887	96.6438	97.9058	1.5978	0.5299	1.1860	639.02	1.0038	1560.3	0.67	1.8436	1267.838	107.000
108.000	0.7934	97.8244	99.0938	1.6088	0.5252	1.1918	634.14	0.9910	1521.7	0.66	1.8300	1260.431	108.000
109.000	0.7981	99.0109	100.2879	1.6199	0.5204	1.1983	629.00	0.9783	1484.1	0.65	1.8179	1252.949	109.000
110.000	0.8030	100.2057	101.4904	1.6309	0.5164	1.2051	623.54	0.9657	1447.5	0.64	1.8063	1245.359	110.000
111.000	0.8080	101.4055	102.6982	1.6419	0.5124	1.2126	617.82	0.9531	1411.8	0.64	1.7962	1237.673	111.000
112.000	0.8131	102.6154	103.9163	1.6528	0.5089	1.2208	611.83	0.9406	1377.1	0.63	1.7874	1229.879	112.000
113.000	0.8183	103.8368	105.1462	1.6637	0.5054	1.2293	605.56	0.9281	1343.2	0.62	1.7792	1221.973	113.000
114.000	0.8238	105.0575	106.3755	1.6744	0.5024	1.2389	599.01	0.9157	1310.0	0.61	1.7723	1213.944	114.000
115.000	0.8293	106.2920	107.6189	1.6854	0.4996	1.2491	592.19	0.9033	1277.7	0.60	1.7669	1205.794	115.000
116.000	0.8351	107.5369	108.8738	1.6962	0.4969	1.2601	585.07	0.8910	1246.0	0.59	1.7622	1197.505	116.000
117.000	0.8410	108.7928	110.1384	1.7070	0.4946	1.2719	577.67	0.8786	1215.0	0.58	1.7589	1189.072	117.000
118.000	0.8471	110.0617	111.4171	1.7180	0.4924	1.2849	569.99	0.8662	1184.6	0.57	1.7572	1180.487	118.000
119.000	0.8534	111.3438	112.7093	1.7287	0.4906	1.2987	561.98	0.8538	1154.8	0.56	1.7565	1171.739	119.000
120.000	0.8600	112.6400	114.0168	1.7398	0.4889	1.3148	553.65	0.8414	1125.4	0.55	1.7576	1162.798	120.000
121.000	0.8668	113.9503	115.3372	1.7508	0.4876	1.3307	545.00	0.8289	1096.6	0.54	1.7605	1153.674	121.000
122.000	0.8739	115.2796	116.6772	1.7618	0.4864	1.3493	535.99	0.8163	1068.3	0.53	1.7658	1144.338	122.000
123.000	0.8813	116.6269	118.0369	1.7728	0.4854	1.3693	526.62	0.8036	1040.3	0.52	1.7726	1134.751	123.000
124.000	0.8890	117.9949	119.4172	1.7841	0.4849	1.3918	516.87	0.7908	1012.6	0.51	1.7822	1124.918	124.000
125.000	0.8970	119.3858	120.8211	1.7953	0.4844	1.4166	506.71	0.7779	985.3	0.49	1.7943	1114.801	125.000
* 125.190	0.8986	119.6499	121.0877	1.7973	0.4844	1.4216	504.74	0.7755	980.2	0.49	1.7968	1112.859	125.190
* 125.190	12.5489	219.7503	239.8285	2.7451	0.4313	1.0283	183.11	0.1086	111.6	1.33	1.0567	79.688	125.190
126.000	12.7381	220.2781	240.6463	2.7516	0.4263	1.0023	184.55	0.1086	112.1	1.38	1.0346	78.554	126.000
127.000	12.9535	220.9078	241.6333	2.7593	0.4203	0.9730	186.28	0.1086	112.8	1.45	1.0106	77.200	127.000
128.000	13.1716	221.5186	242.5931	2.7668	0.4148	0.9467	187.96	0.1086	113.4	1.51	0.9886	75.921	128.000

THERMODYNAMIC PROPERTIES OF ARGON

16.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
129.000	13.3858	222.1111	243.5271	2.7741	0.4098	0.9229	189.59	0.1087	114.0	1.58	0.9688	74.711	129.000
130.000	13.5936	222.8983	244.4400	2.7811	0.4056	0.9017	191.17	0.1088	114.7	1.64	0.9506	73.564	130.000
131.000	13.7996	223.2515	245.3389	2.7881	0.4005	0.8819	192.71	0.1089	115.3	1.70	0.9337	72.466	131.000
132.000	14.0011	223.9018	246.2236	2.7946	0.3963	0.8639	194.22	0.1091	116.0	1.77	0.9185	71.423	132.000
133.000	14.1996	224.3392	247.0587	2.8011	0.3923	0.8474	195.69	0.1093	116.7	1.83	0.9047	70.424	133.000
134.000	14.3956	224.9658	247.8987	2.8074	0.3888	0.8323	197.13	0.1094	117.3	1.89	0.8924	69.466	134.000
135.000	14.5886	225.3814	248.7231	2.8137	0.3853	0.8181	198.54	0.1097	118.0	1.96	0.8800	68.547	135.000
136.000	14.7789	226.0891	249.5354	2.8194	0.3825	0.8050	199.92	0.1099	118.7	2.02	0.8695	67.664	136.000
137.000	14.9671	226.3865	250.3339	2.8254	0.3797	0.7930	201.27	0.1101	119.4	2.08	0.8600	66.813	137.000
138.000	15.1529	226.8764	251.1218	2.8312	0.3768	0.7815	202.60	0.1104	120.1	2.14	0.8502	65.994	138.000
139.000	15.3367	227.3587	251.8974	2.8367	0.3742	0.7710	203.90	0.1106	120.8	2.20	0.8421	65.203	139.000
140.000	15.5183	227.8337	252.6629	2.8422	0.3715	0.7612	205.18	0.1109	121.4	2.26	0.8333	64.440	140.000
141.000	15.6983	228.3019	253.4192	2.8477	0.3692	0.7517	206.44	0.1112	122.1	2.32	0.8254	63.701	141.000
142.000	15.8765	228.7644	254.1669	2.8530	0.3667	0.7432	207.68	0.1115	122.8	2.38	0.8185	62.986	142.000
143.000	16.0537	229.2200	254.9059	2.8580	0.3645	0.7350	208.90	0.1118	123.5	2.44	0.8119	62.291	143.000
144.000	16.2296	229.6709	255.6366	2.8632	0.3615	0.7272	210.11	0.1121	124.2	2.50	0.8057	61.620	144.000
145.000	16.4038	230.1153	256.3600	2.8682	0.3595	0.7199	211.29	0.1124	125.0	2.56	0.8000	60.965	145.000
146.000	16.5746	230.5572	257.0764	2.8730	0.3575	0.7129	212.46	0.1127	125.7	2.62	0.7952	60.333	146.000
147.000	16.7464	230.9918	257.7861	2.8780	0.3557	0.7064	213.61	0.1131	126.4	2.68	0.7895	59.714	147.000
148.000	16.9162	231.4234	258.4893	2.8827	0.3540	0.7002	214.75	0.1134	127.1	2.74	0.7847	59.115	148.000
149.000	17.0847	231.8509	259.1864	2.8873	0.3525	0.6944	215.87	0.1138	127.8	2.80	0.7798	58.532	149.000
150.000	17.2519	232.2753	259.8783	2.8920	0.3507	0.6889	216.97	0.1141	128.5	2.86	0.7758	57.965	150.000
151.000	17.4180	232.6942	260.5642	2.8965	0.3492	0.6836	218.07	0.1145	129.2	2.92	0.7714	57.409	151.000
152.000	17.5852	233.1085	261.2448	2.9010	0.3480	0.6786	219.15	0.1148	129.9	2.97	0.7679	56.866	152.000
153.000	17.7498	233.5216	261.9212	2.9055	0.3465	0.6736	220.22	0.1152	130.7	3.04	0.7643	56.339	153.000
154.000	17.9137	233.9305	262.5923	2.9098	0.3452	0.6691	221.27	0.1156	131.4	3.09	0.7606	55.823	154.000
155.000	18.0763	234.3387	263.2592	2.9143	0.3439	0.6649	222.32	0.1160	132.1	3.15	0.7571	55.324	155.000
156.000	18.2386	234.7466	263.9218	2.9186	0.3427	0.6606	223.35	0.1164	132.8	3.21	0.7537	54.829	156.000
157.000	18.3995	235.1412	264.5804	2.9225	0.3417	0.6566	224.37	0.1167	133.5	3.27	0.7511	54.349	157.000
158.000	18.5605	235.5377	265.2345	2.9268	0.3407	0.6528	225.39	0.1171	134.3	3.33	0.7487	53.878	158.000
159.000	18.7201	235.9339	265.8861	2.9308	0.3394	0.6491	226.39	0.1175	135.0	3.39	0.7458	53.418	159.000
160.000	18.8782	236.3283	266.5335	2.9351	0.3384	0.6458	227.38	0.1179	135.7	3.45	0.7433	52.971	160.000
161.000	19.0376	236.7174	267.1776	2.9391	0.3377	0.6423	228.36	0.1183	136.4	3.51	0.7406	52.528	161.000
162.000	19.1953	237.1058	267.8184	2.9428	0.3367	0.6391	229.34	0.1187	137.1	3.57	0.7381	52.096	162.000
163.000	19.3526	237.4916	268.4557	2.9468	0.3359	0.6361	230.30	0.1192	137.9	3.63	0.7359	51.673	163.000
164.000	19.5079	237.8777	269.0903	2.9508	0.3349	0.6331	231.26	0.1196	138.6	3.69	0.7336	51.261	164.000
165.000	19.6642	238.2591	269.7219	2.9546	0.3342	0.6303	232.21	0.1200	139.3	3.74	0.7317	50.854	165.000
166.000	19.8199	238.6393	270.3512	2.9583	0.3334	0.6276	233.15	0.1204	140.0	3.80	0.7297	50.454	166.000
167.000	19.9749	239.0172	270.9778	2.9621	0.3327	0.6251	234.08	0.1208	140.8	3.86	0.7285	50.063	167.000
168.000	20.1291	239.3945	271.6011	2.9659	0.3319	0.6226	235.00	0.1213	141.5	3.92	0.7262	49.679	168.000
169.000	20.2824	239.7703	272.2221	2.9696	0.3312	0.6201	235.92	0.1217	142.2	3.98	0.7245	49.304	169.000
170.000	20.4364	240.1425	272.8407	2.9731	0.3307	0.6178	236.83	0.1221	142.9	4.04	0.7230	48.932	170.000
171.000	20.5894	240.5137	273.4567	2.9769	0.3299	0.6156	237.73	0.1225	143.7	4.10	0.7221	48.569	171.000
172.000	20.7412	240.8856	274.0715	2.9804	0.3294	0.6133	238.63	0.1230	144.4	4.16	0.7200	48.213	172.000
173.000	20.8935	241.2542	274.6838	2.9839	0.3289	0.6113	239.52	0.1234	145.1	4.22	0.7188	47.862	173.000

THERMODYNAMIC PROPERTIES OF ARGON

16.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
174.000	21.0446	241.6228	276.2941	2.9874	0.3282	0.6693	240.41	0.1239	146.8	4.28	0.7170	47.518	174.000
176.000	21.1961	241.9885	276.9822	2.9989	0.3277	0.6673	241.28	0.1243	146.6	4.34	0.7162	47.179	176.000
176.000	21.3479	242.3516	276.6662	2.9944	0.3272	0.6653	242.15	0.1248	147.3	4.40	0.7144	46.843	176.000
177.000	21.4982	242.7158	277.1130	2.9979	0.3267	0.6635	243.02	0.1252	148.0	4.46	0.7134	46.515	177.000
178.000	21.6478	243.0801	277.7153	3.0012	0.3262	0.6618	243.88	0.1257	148.7	4.52	0.7119	46.196	178.000
179.000	21.7978	243.4396	278.3168	3.0047	0.3257	0.6666	244.73	0.1261	149.4	4.58	0.7109	45.876	179.000
180.000	21.9468	243.7999	278.9148	3.0079	0.3254	0.5985	245.58	0.1266	150.2	4.64	0.7101	45.565	180.000
181.000	22.0966	244.1598	279.5126	3.0112	0.3249	0.5968	246.42	0.1270	150.9	4.70	0.7091	45.257	181.000
182.000	22.2432	244.5195	280.1086	3.0144	0.3244	0.5953	247.26	0.1275	151.6	4.76	0.7078	44.957	182.000
183.000	22.3925	244.8752	280.7032	3.0177	0.3242	0.5938	248.09	0.1279	152.3	4.82	0.7070	44.658	183.000
184.000	22.5397	245.2327	281.2962	3.0209	0.3237	0.5923	248.92	0.1284	153.1	4.89	0.7062	44.368	184.000
185.000	22.6888	245.5856	281.8877	3.0242	0.3234	0.5910	249.74	0.1289	153.8	4.95	0.7052	44.075	185.000
186.000	22.8357	245.9416	282.4782	3.0274	0.3229	0.5895	250.56	0.1293	154.5	5.01	0.7044	43.791	186.000
187.000	22.9825	246.2958	283.0678	3.0304	0.3227	0.5883	251.37	0.1298	155.2	5.07	0.7034	43.511	187.000
188.000	23.1298	246.6488	283.6545	3.0337	0.3222	0.5870	252.18	0.1303	155.9	5.13	0.7023	43.236	188.000
189.000	23.2774	246.9971	284.2416	3.0367	0.3219	0.5858	252.98	0.1308	156.7	5.20	0.7017	42.960	189.000
190.000	23.4234	247.3486	284.8268	3.0400	0.3217	0.5845	253.78	0.1312	157.4	5.26	0.7012	42.692	190.000
191.000	23.5689	247.6995	285.4098	3.0430	0.3214	0.5833	254.58	0.1317	158.1	5.32	0.7002	42.429	191.000
192.000	23.7148	248.0503	285.9928	3.0460	0.3212	0.5823	255.37	0.1322	158.8	5.38	0.6994	42.169	192.000
193.000	23.8618	248.3967	286.5743	3.0490	0.3207	0.5813	256.16	0.1327	159.6	5.45	0.6986	41.909	193.000
194.000	24.0061	248.7468	287.1558	3.0520	0.3204	0.5800	256.93	0.1331	160.2	5.51	0.6981	41.658	194.000
195.000	24.1518	249.0926	287.7343	3.0550	0.3202	0.5790	257.71	0.1336	161.0	5.57	0.6978	41.406	195.000
196.000	24.2964	249.4381	288.3123	3.0580	0.3199	0.5780	258.49	0.1341	161.7	5.64	0.6970	41.158	196.000
197.000	24.4411	249.7848	288.8906	3.0607	0.3197	0.5770	259.26	0.1346	162.4	5.70	0.6962	40.915	197.000
198.000	24.5851	250.1309	289.4670	3.0637	0.3194	0.5760	260.02	0.1351	163.1	5.77	0.6954	40.675	198.000
199.000	24.7284	250.4771	290.0425	3.0667	0.3192	0.5752	260.79	0.1356	163.8	5.83	0.6949	40.439	199.000
200.000	24.8734	250.8199	290.6173	3.0696	0.3192	0.5742	261.55	0.1360	164.5	5.89	0.6946	40.204	200.000
202.000	25.1611	251.4785	291.7683	3.0755	0.3187	0.5725	263.05	0.1370	166.0	6.03	0.6937	39.712	202.000
204.000	25.4488	252.1627	292.9116	3.0810	0.3182	0.5707	264.55	0.1380	167.4	6.16	0.6923	39.265	204.000
206.000	25.7536	252.8459	294.0518	3.0865	0.3179	0.5692	266.03	0.1390	168.8	6.29	0.6913	38.829	206.000
208.000	26.0403	253.5248	295.1885	3.0920	0.3177	0.5677	267.49	0.1400	170.2	6.42	0.6902	38.402	208.000
210.000	26.3251	254.2026	296.3227	3.0975	0.3172	0.5662	268.96	0.1409	171.6	6.55	0.6896	37.987	210.000
212.000	26.6077	254.8813	297.4537	3.1028	0.3169	0.5650	270.39	0.1419	173.0	6.68	0.6888	37.583	212.000
214.000	26.8936	255.5529	298.5826	3.1083	0.3167	0.5637	271.82	0.1429	174.4	6.82	0.6888	37.184	214.000
216.000	27.1768	256.2257	299.7086	3.1133	0.3164	0.5625	273.24	0.1439	175.8	6.95	0.6872	36.796	216.000
218.000	27.4578	256.9012	300.8323	3.1186	0.3162	0.5612	274.65	0.1449	177.2	7.09	0.6863	36.421	218.000
220.000	27.7408	257.5696	301.9535	3.1238	0.3159	0.5602	276.05	0.1459	178.6	7.22	0.6858	36.049	220.000
222.000	28.0225	258.2387	303.0728	3.1288	0.3157	0.5592	277.44	0.1469	180.0	7.36	0.6852	35.686	222.000
224.000	28.3013	258.9078	304.1899	3.1338	0.3154	0.5580	278.81	0.1479	181.4	7.50	0.6844	35.334	224.000
226.000	28.5825	259.5732	305.3051	3.1388	0.3152	0.5572	280.18	0.1489	182.8	7.64	0.6841	34.986	226.000
228.000	28.8626	260.2382	306.4183	3.1436	0.3152	0.5562	281.54	0.1499	184.2	7.78	0.6835	34.647	228.000
230.000	29.1449	260.8988	307.5298	3.1486	0.3149	0.5552	282.89	0.1509	185.6	7.92	0.6829	34.311	230.000
232.000	29.4224	261.5637	308.6395	3.1533	0.3147	0.5545	284.23	0.1519	187.0	8.06	0.6826	33.988	232.000
234.000	29.7016	262.2248	309.7474	3.1581	0.3147	0.5535	285.56	0.1529	188.3	8.21	0.6816	33.668	234.000
236.000	29.9791	262.8873	310.8539	3.1629	0.3144	0.5527	286.88	0.1539	189.7	8.35	0.6813	33.357	236.000

THERMODYNAMIC PROPERTIES OF ARGON

16.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
238.000	30.2581	263.5456	311.9585	3.1674	0.3144	0.5520	288.19	0.1549	191.1	8.49	0.6810	33.049	238.000
240.000	30.5349	264.2068	313.0617	3.1721	0.3142	0.5512	289.58	0.1559	192.5	8.64	0.6806	32.749	240.000
242.000	30.8131	264.8627	314.1636	3.1766	0.3142	0.5505	290.79	0.1569	193.8	8.78	0.6799	32.454	242.000
244.000	31.0886	265.5223	315.2641	3.1811	0.3139	0.5500	292.08	0.1579	195.2	8.93	0.6799	32.166	244.000
246.000	31.3652	266.1798	316.3633	3.1856	0.3139	0.5492	293.36	0.1588	196.5	9.07	0.6796	31.882	246.000
248.000	31.6427	266.8326	317.4609	3.1901	0.3137	0.5487	294.64	0.1598	197.9	9.22	0.6795	31.603	248.000
250.000	31.9211	267.4838	318.5576	3.1944	0.3137	0.5480	295.90	0.1608	199.2	9.37	0.6788	31.327	250.000
252.000	32.1962	268.1391	319.6538	3.1989	0.3137	0.5475	297.16	0.1618	200.6	9.52	0.6787	31.060	252.000
254.000	32.4718	268.7922	320.7472	3.2032	0.3134	0.5470	298.41	0.1628	201.9	9.67	0.6783	30.796	254.000
256.000	32.7437	269.4505	321.8404	3.2074	0.3134	0.5462	299.66	0.1638	203.3	9.82	0.6779	30.540	256.000
258.000	33.0201	270.1064	322.9326	3.2117	0.3134	0.5457	300.90	0.1648	204.6	9.97	0.6775	30.285	258.000
260.000	33.2968	270.7686	324.0235	3.2159	0.3132	0.5452	302.13	0.1658	205.9	10.13	0.6771	30.033	260.000
262.000	33.5692	271.4829	325.1136	3.2202	0.3132	0.5447	303.35	0.1668	207.3	10.28	0.6770	29.789	262.000
264.000	33.8415	272.0562	326.2025	3.2242	0.3132	0.5442	304.57	0.1677	208.6	10.43	0.6769	29.550	264.000
266.000	34.1182	272.7015	327.2907	3.2282	0.3132	0.5440	305.78	0.1687	209.9	10.58	0.6768	29.310	266.000
268.000	34.3901	273.3537	328.3779	3.2325	0.3129	0.5435	306.99	0.1697	211.2	10.74	0.6764	29.078	268.000
270.000	34.6663	273.9982	329.4643	3.2365	0.3129	0.5430	308.19	0.1707	212.5	10.90	0.6759	28.846	270.000
272.000	34.9373	274.6561	330.5497	3.2406	0.3129	0.5425	309.39	0.1717	213.9	11.06	0.6758	28.623	272.000
274.000	35.2126	275.2947	331.6346	3.2445	0.3129	0.5422	310.57	0.1726	215.2	11.21	0.6760	28.399	274.000
276.000	35.4828	275.9471	332.7183	3.2482	0.3129	0.5417	311.76	0.1736	216.5	11.37	0.6756	28.183	276.000
278.000	35.7557	276.5923	333.8014	3.2522	0.3127	0.5415	312.93	0.1746	217.8	11.53	0.6754	27.968	278.000
280.000	36.0284	277.2381	334.8836	3.2562	0.3127	0.5410	314.11	0.1756	219.1	11.70	0.6750	27.756	280.000
282.000	36.3001	277.8851	335.9652	3.2600	0.3127	0.5407	315.27	0.1765	220.4	11.85	0.6752	27.548	282.000
284.000	36.5706	278.5335	337.0464	3.2637	0.3127	0.5402	316.43	0.1775	221.7	12.02	0.6747	27.344	284.000
286.000	36.8451	279.1744	338.1266	3.2675	0.3127	0.5400	317.59	0.1785	222.9	12.18	0.6743	27.141	286.000
288.000	37.1127	279.8258	339.2062	3.2713	0.3127	0.5397	318.74	0.1794	224.2	12.34	0.6745	26.945	288.000
290.000	37.3843	280.4699	340.2849	3.2750	0.3127	0.5392	319.88	0.1804	225.5	12.51	0.6740	26.749	290.000
292.000	37.6599	281.1074	341.3633	3.2788	0.3127	0.5390	321.02	0.1814	226.8	12.68	0.6738	26.553	292.000
294.000	37.9281	281.7566	342.4409	3.2825	0.3124	0.5387	322.16	0.1823	228.1	12.84	0.6740	26.366	294.000
296.000	38.2001	282.3979	343.5181	3.2860	0.3124	0.5384	323.29	0.1833	229.3	13.00	0.6736	26.178	296.000
298.000	38.4702	283.0422	344.5945	3.2898	0.3124	0.5382	324.41	0.1842	230.6	13.17	0.6738	25.994	298.000
300.000	38.7381	283.6894	345.6703	3.2933	0.3124	0.5379	325.54	0.1852	231.9	13.34	0.6736	25.814	300.000
302.000	39.0097	284.3382	346.7458	3.2968	0.3124	0.5374	326.65	0.1862	233.1	13.51	0.6728	25.635	302.000
304.000	39.2791	284.9789	347.8204	3.3005	0.3124	0.5372	327.76	0.1871	234.4	13.68	0.6730	25.459	304.000
306.000	39.5521	285.6116	348.8951	3.3040	0.3124	0.5369	328.87	0.1881	235.6	13.86	0.6725	25.283	306.000
308.000	39.8227	286.2524	349.9687	3.3075	0.3124	0.5367	329.97	0.1890	236.9	14.02	0.6727	25.111	308.000
310.000	40.0966	286.8972	351.0421	3.3111	0.3124	0.5364	331.07	0.1899	238.2	14.19	0.6729	24.944	310.000
312.000	40.3621	287.5355	352.1147	3.3143	0.3124	0.5362	332.16	0.1909	239.4	14.37	0.6724	24.776	312.000
314.000	40.6366	288.1781	353.1871	3.3178	0.3124	0.5359	333.25	0.1918	240.6	14.54	0.6723	24.612	314.000
316.000	40.8962	288.8264	354.2593	3.3213	0.3124	0.5359	334.34	0.1928	241.9	14.71	0.6724	24.452	316.000
318.000	41.1652	289.4661	355.3304	3.3246	0.3124	0.5357	335.42	0.1937	243.1	14.88	0.6723	24.292	318.000
320.000	41.4377	290.1012	356.4016	3.3278	0.3122	0.5354	336.50	0.1947	244.4	15.07	0.6721	24.133	320.000
322.000	41.7078	290.7410	357.4722	3.3313	0.3122	0.5352	337.57	0.1956	245.6	15.24	0.6720	23.977	322.000
324.000	41.9727	291.3868	358.5423	3.3346	0.3122	0.5349	338.64	0.1965	246.8	15.42	0.6719	23.825	324.000
326.000	42.2419	292.0258	359.6120	3.3378	0.3122	0.5347	339.70	0.1975	248.0	15.60	0.6714	23.673	326.000

THERMODYNAMIC PROPERTIES OF ARGON

16.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
328.000	42.5145	292.6581	306.6814	3.3411	0.3122	0.5347	340.77	0.1984	249.3	15.78	0.6719	23.521	328.000
330.000	42.7834	293.2971	301.7505	3.3443	0.3122	0.5344	341.82	0.1993	250.5	15.95	0.6717	23.374	330.000
332.000	43.0482	293.9417	302.8189	3.3476	0.3122	0.5342	342.88	0.2002	251.7	16.13	0.6716	23.230	332.000
334.000	43.3104	294.5906	303.8870	3.3509	0.3122	0.5339	343.93	0.2012	252.9	16.32	0.6711	23.086	334.000
336.000	43.5679	295.2143	304.9549	3.3541	0.3122	0.5339	344.97	0.2021	254.1	16.50	0.6713	22.942	336.000
338.000	43.8552	295.8542	306.0226	3.3571	0.3122	0.5337	346.01	0.2030	255.3	16.68	0.6712	22.802	338.000
340.000	44.1258	296.4885	307.0897	3.3604	0.3122	0.5334	347.05	0.2039	256.5	16.87	0.6711	22.663	340.000
342.000	44.3918	297.1297	308.1566	3.3634	0.3122	0.5334	348.09	0.2048	257.7	17.04	0.6712	22.527	342.000
344.000	44.6611	297.7652	309.2230	3.3666	0.3122	0.5332	349.12	0.2058	258.9	17.24	0.6708	22.391	344.000
346.000	44.9258	298.4061	310.2891	3.3696	0.3122	0.5329	350.15	0.2067	260.1	17.42	0.6706	22.259	346.000
348.000	45.1933	299.0458	311.3550	3.3726	0.3122	0.5329	351.17	0.2076	261.3	17.60	0.6708	22.127	348.000
350.000	45.4641	299.6778	312.4204	3.3759	0.3122	0.5327	352.19	0.2085	262.5	17.80	0.6707	21.995	350.000
352.000	45.7299	300.3177	313.4855	3.3789	0.3122	0.5324	353.21	0.2094	263.7	17.98	0.6705	21.868	352.000
354.000	45.9988	300.9525	314.5506	3.3819	0.3122	0.5324	354.23	0.2103	264.9	18.17	0.6707	21.740	354.000
356.000	46.2623	301.5963	315.6151	3.3849	0.3122	0.5322	355.24	0.2112	266.0	18.36	0.6703	21.616	356.000
358.000	46.5289	302.2334	316.6797	3.3879	0.3122	0.5322	356.24	0.2121	267.2	18.54	0.6704	21.492	358.000
360.000	46.7985	302.8658	317.7435	3.3907	0.3122	0.5319	357.25	0.2130	268.4	18.74	0.6703	21.368	360.000
362.000	47.0625	303.5074	318.8074	3.3937	0.3122	0.5319	358.25	0.2139	269.6	18.92	0.6705	21.248	362.000
364.000	47.3294	304.1437	319.8708	3.3967	0.3122	0.5317	359.25	0.2148	270.7	19.12	0.6701	21.128	364.000
366.000	47.5994	304.7751	320.9342	3.3997	0.3122	0.5314	360.24	0.2157	271.9	19.32	0.6699	21.009	366.000
368.000	47.8634	305.4157	321.9971	3.4024	0.3122	0.5314	361.24	0.2166	273.1	19.51	0.6701	20.893	368.000
370.000	48.1302	306.0513	323.0597	3.4054	0.3122	0.5312	362.22	0.2175	274.2	19.71	0.6697	20.777	370.000
372.000	48.4001	306.6822	324.1223	3.4082	0.3122	0.5312	363.21	0.2184	275.4	19.90	0.6698	20.661	372.000
374.000	48.6636	307.3227	325.1844	3.4109	0.3122	0.5309	364.19	0.2193	276.5	20.10	0.6694	20.549	374.000
376.000	48.9299	307.9585	326.2463	3.4139	0.3122	0.5309	365.17	0.2201	277.7	20.28	0.6699	20.437	376.000
378.000	49.1992	308.5896	327.3083	3.4167	0.3122	0.5309	366.15	0.2210	278.8	20.48	0.6698	20.326	378.000
380.000	49.4617	309.2310	328.3696	3.4194	0.3122	0.5307	367.12	0.2219	280.0	20.66	0.6696	20.218	380.000
382.000	49.7269	309.8679	329.4310	3.4222	0.3122	0.5307	368.10	0.2228	281.1	20.88	0.6696	20.110	382.000
384.000	49.9951	310.5000	330.4921	3.4250	0.3122	0.5304	369.06	0.2237	282.3	21.08	0.6694	20.002	384.000
386.000	50.2561	311.1431	331.5528	3.4277	0.3122	0.5304	370.03	0.2245	283.4	21.27	0.6696	19.898	386.000
388.000	50.5200	311.7854	332.6134	3.4305	0.3122	0.5302	370.99	0.2254	284.5	21.48	0.6692	19.796	388.000
390.000	50.7863	312.4168	333.6740	3.4332	0.3122	0.5302	371.95	0.2263	285.7	21.68	0.6694	19.696	390.000
392.000	51.0556	313.0455	334.7344	3.4360	0.3122	0.5299	372.91	0.2272	286.8	21.89	0.6696	19.597	392.000
394.000	51.3278	313.6781	335.7945	3.4387	0.3122	0.5299	373.86	0.2280	287.9	22.08	0.6692	19.483	394.000
396.000	51.5922	314.3063	336.8539	3.4412	0.3122	0.5299	374.82	0.2289	289.1	22.28	0.6693	19.383	396.000
398.000	51.8487	314.9556	337.9136	3.4440	0.3122	0.5297	375.76	0.2298	290.2	22.49	0.6689	19.287	398.000
400.000	52.1186	315.5832	338.9729	3.4467	0.3122	0.5297	376.71	0.2306	291.3	22.69	0.6691	19.187	400.000

THERMODYNAMIC PROPERTIES OF ARGON

18.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
86.000	0.7105	71.7256	73.0039	1.3367	0.8621	1.3067	642.53	1.3172	2757.2	0.72	2.7352	1407.428	86.000
87.000	0.7138	73.0115	74.2961	1.3518	0.8246	1.2779	648.97	1.2991	2675.1	0.73	2.6315	1401.284	87.000
88.000	0.7168	74.2766	75.5662	1.3663	0.7908	1.2539	654.67	1.2815	2596.9	0.73	2.5409	1395.140	88.000
89.000	0.7200	75.5114	76.8074	1.3803	0.7607	1.2334	659.43	1.2643	2522.0	0.74	2.4603	1388.956	89.000
90.000	0.7232	76.7292	78.0369	1.3941	0.7340	1.2163	663.47	1.2476	2450.4	0.74	2.3890	1382.766	90.000
91.000	0.7265	77.9311	79.2388	1.4078	0.7097	1.2023	666.73	1.2313	2381.9	0.74	2.3258	1376.520	91.000
92.000	0.7298	79.1282	80.4338	1.4213	0.6879	1.1908	669.38	1.2154	2316.2	0.74	2.2693	1370.266	92.000
93.000	0.7332	80.3824	81.6221	1.4331	0.6686	1.1813	671.26	1.1998	2253.0	0.74	2.2182	1363.945	93.000
94.000	0.7366	81.4725	82.7984	1.4459	0.6511	1.1740	672.46	1.1846	2192.1	0.74	2.1725	1357.577	94.000
95.000	0.7401	82.6372	83.9694	1.4581	0.6353	1.1685	673.01	1.1696	2133.5	0.74	2.1315	1351.157	95.000
96.000	0.7437	83.7971	85.1357	1.4704	0.6211	1.1643	672.98	1.1549	2077.1	0.74	2.0939	1344.678	96.000
97.000	0.7473	84.9545	86.2997	1.4824	0.6083	1.1618	672.37	1.1404	2022.5	0.73	2.0604	1338.136	97.000
98.000	0.7510	86.1061	87.4579	1.4944	0.5965	1.1600	671.34	1.1261	1970.0	0.73	2.0293	1331.551	98.000
99.000	0.7548	87.2598	88.6184	1.5062	0.5856	1.1598	669.74	1.1121	1919.1	0.72	2.0013	1324.883	99.000
100.000	0.7586	88.4146	89.7802	1.5177	0.5755	1.1603	667.61	1.0982	1869.8	0.72	1.9755	1318.136	100.000
101.000	0.7626	89.5673	90.9408	1.5292	0.5677	1.1615	665.12	1.0845	1822.2	0.71	1.9516	1311.333	101.000
102.000	0.7666	90.7226	92.1025	1.5408	0.5595	1.1638	662.25	1.0710	1776.1	0.71	1.9299	1304.462	102.000
103.000	0.7707	91.8802	93.2675	1.5523	0.5522	1.1665	658.97	1.0577	1731.3	0.70	1.9094	1297.511	103.000
104.000	0.7749	93.0399	94.4348	1.5635	0.5455	1.1698	655.37	1.0444	1688.0	0.69	1.8906	1290.488	104.000
105.000	0.7792	94.2065	95.6090	1.5745	0.5392	1.1740	651.34	1.0313	1645.8	0.68	1.8736	1283.376	105.000
106.000	0.7836	95.3729	96.7833	1.5853	0.5334	1.1785	647.10	1.0184	1605.0	0.68	1.8574	1276.195	106.000
107.000	0.7881	96.5463	97.9649	1.5960	0.5282	1.1838	642.51	1.0055	1565.3	0.67	1.8428	1268.916	107.000
108.000	0.7927	97.7241	99.1509	1.6078	0.5234	1.1893	637.64	0.9928	1526.7	0.66	1.8289	1261.562	108.000
109.000	0.7974	98.9084	100.3437	1.6189	0.5189	1.1956	632.47	0.9801	1489.1	0.65	1.8164	1254.104	109.000
110.000	0.8022	100.0998	101.5438	1.6299	0.5147	1.2023	627.03	0.9675	1452.5	0.65	1.8050	1246.567	110.000
111.000	0.8072	101.2949	102.7478	1.6409	0.5107	1.2098	621.34	0.9550	1416.8	0.64	1.7948	1238.911	111.000
112.000	0.8122	102.5004	103.9624	1.6516	0.5072	1.2176	615.36	0.9425	1382.1	0.63	1.7855	1231.163	112.000
113.000	0.8175	103.7128	105.1842	1.6624	0.5039	1.2261	609.11	0.9301	1348.1	0.62	1.7771	1223.292	113.000
114.000	0.8228	104.9337	106.4148	1.6734	0.5009	1.2354	602.60	0.9177	1315.0	0.61	1.7702	1215.314	114.000
115.000	0.8284	106.1639	107.6549	1.6842	0.4979	1.2451	595.81	0.9054	1282.7	0.60	1.7648	1207.213	115.000
116.000	0.8340	107.4033	108.9046	1.6950	0.4954	1.2559	588.78	0.8931	1251.1	0.59	1.7593	1198.983	116.000
117.000	0.8399	108.6559	110.1677	1.7060	0.4931	1.2674	581.48	0.8807	1220.0	0.58	1.7557	1190.598	117.000
118.000	0.8460	109.9179	111.4406	1.7167	0.4909	1.2799	573.79	0.8684	1189.7	0.57	1.7535	1182.081	118.000
119.000	0.8522	111.1943	112.7283	1.7275	0.4891	1.2934	565.83	0.8561	1159.9	0.56	1.7524	1173.385	119.000
120.000	0.8587	112.4823	114.0280	1.7385	0.4874	1.3082	557.63	0.8437	1130.7	0.55	1.7532	1164.548	120.000
121.000	0.8654	113.7869	115.3447	1.7493	0.4859	1.3242	549.08	0.8313	1102.0	0.54	1.7554	1155.498	121.000
122.000	0.8724	115.1081	116.6784	1.7603	0.4846	1.3420	540.18	0.8188	1073.7	0.53	1.7598	1146.236	122.000
123.000	0.8797	116.4452	118.0287	1.7713	0.4839	1.3615	530.96	0.8062	1045.8	0.52	1.7662	1136.768	123.000
124.000	0.8873	117.8039	119.4016	1.7826	0.4831	1.3828	521.35	0.7936	1018.3	0.51	1.7743	1127.045	124.000
125.000	0.8952	119.1844	120.7958	1.7936	0.4826	1.4066	511.36	0.7808	991.1	0.50	1.7854	1117.050	125.000
126.000	0.9035	120.5882	122.2146	1.8051	0.4824	1.4331	500.94	0.7678	964.1	0.48	1.7995	1106.765	126.000
127.000	0.9123	122.0263	123.6625	1.8164	0.4826	1.4629	490.08	0.7547	937.4	0.47	1.8170	1096.117	127.000
* 127.540	0.9173	122.8882	124.4593	1.8226	0.4829	1.4807	484.00	0.7475	922.9	0.46	1.8281	1090.209	127.540
* 127.540	11.0499	219.1176	239.0674	2.7200	0.4396	1.1579	182.84	0.1142	115.2	1.14	1.1176	90.498	127.540
128.000	11.1469	219.4420	239.5046	2.7238	0.4366	1.0892	183.71	0.1141	115.4	1.17	1.1016	89.719	128.000

THERMODYNAMIC PROPERTIES OF ARGON

10.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
129.000	11.3588	220.1281	240.5748	2.7321	0.4298	1.0514	185.57	0.1139	116.0	1.23	1.0708	88.037	129.000
130.000	11.6061	220.7891	241.6081	2.7481	0.4238	1.0181	187.36	0.1138	116.6	1.29	1.0431	86.459	130.000
131.000	11.7684	221.4286	242.6111	2.7478	0.4186	0.9886	189.09	0.1138	117.2	1.36	1.0176	84.973	131.000
132.000	11.9653	222.0477	243.5852	2.7653	0.4128	0.9612	190.77	0.1138	117.8	1.42	0.9950	83.575	132.000
133.000	12.1588	222.6485	244.5344	2.7623	0.4078	0.9372	192.40	0.1138	118.4	1.48	0.9751	82.245	133.000
134.000	12.3477	223.2342	245.4601	2.7694	0.4036	0.9152	193.99	0.1139	119.0	1.54	0.9562	80.987	134.000
135.000	12.5332	223.8053	246.3656	2.7761	0.3988	0.8952	195.54	0.1139	119.6	1.59	0.9400	79.788	135.000
136.000	12.7159	224.3623	247.2509	2.7826	0.3948	0.8769	197.05	0.1140	120.3	1.65	0.9253	78.642	136.000
137.000	12.8964	224.9071	248.1188	2.7889	0.3910	0.8599	198.52	0.1142	120.9	1.71	0.9103	77.547	137.000
138.000	13.0725	225.4404	248.9709	2.7951	0.3873	0.8443	199.96	0.1143	121.6	1.77	0.8983	76.496	138.000
139.000	13.2468	225.9634	249.8077	2.8011	0.3840	0.8298	201.37	0.1145	122.2	1.83	0.8856	75.490	139.000
140.000	13.4187	226.4769	250.6306	2.8071	0.3807	0.8166	202.75	0.1147	122.9	1.88	0.8749	74.523	140.000
141.000	13.5884	226.9818	251.4409	2.8129	0.3777	0.8044	204.11	0.1148	123.6	1.94	0.8657	73.592	141.000
142.000	13.7564	227.4774	252.2389	2.8184	0.3750	0.7926	205.44	0.1151	124.2	2.00	0.8562	72.693	142.000
143.000	13.9224	227.9658	253.0262	2.8239	0.3722	0.7818	206.75	0.1153	124.9	2.05	0.8469	71.827	143.000
144.000	14.0862	228.4473	253.8024	2.8294	0.3697	0.7715	208.03	0.1155	125.6	2.11	0.8390	70.992	144.000
145.000	14.2489	228.9268	254.5689	2.8347	0.3675	0.7620	209.29	0.1158	126.3	2.17	0.8311	70.181	145.000
146.000	14.4097	229.3892	255.3267	2.8399	0.3650	0.7530	210.53	0.1160	127.0	2.22	0.8244	69.398	146.000
147.000	14.5691	229.8511	256.0754	2.8449	0.3630	0.7447	211.75	0.1163	127.7	2.28	0.8177	68.639	147.000
148.000	14.7268	230.3077	256.8159	2.8500	0.3610	0.7367	212.96	0.1166	128.3	2.33	0.8106	67.904	148.000
149.000	14.8835	230.7583	257.5486	2.8550	0.3590	0.7292	214.14	0.1169	129.0	2.39	0.8047	67.189	149.000
150.000	15.0391	231.2039	258.2742	2.8597	0.3570	0.7222	215.31	0.1172	129.7	2.44	0.7992	66.493	150.000
151.000	15.1938	231.6447	258.9927	2.8647	0.3552	0.7154	216.46	0.1175	130.4	2.50	0.7940	65.818	151.000
152.000	15.3476	232.0805	259.7051	2.8692	0.3537	0.7092	217.60	0.1178	131.1	2.55	0.7892	65.159	152.000
153.000	15.4991	232.5125	260.4108	2.8740	0.3520	0.7032	218.72	0.1181	131.8	2.60	0.7847	64.520	153.000
154.000	15.6502	232.9405	261.1109	2.8786	0.3505	0.6974	219.83	0.1184	132.5	2.66	0.7805	63.897	154.000
155.000	15.8004	233.3649	261.8056	2.8830	0.3490	0.6919	220.93	0.1187	133.2	2.71	0.7764	63.290	155.000
156.000	15.9494	233.7858	262.4947	2.8875	0.3477	0.6866	222.01	0.1191	133.9	2.77	0.7728	62.698	156.000
157.000	16.0971	234.2041	263.1789	2.8918	0.3462	0.6816	223.08	0.1194	134.6	2.82	0.7684	62.123	157.000
158.000	16.2454	234.6183	263.8586	2.8960	0.3449	0.6771	224.13	0.1198	135.3	2.87	0.7647	61.556	158.000
159.000	16.3922	235.0266	264.5326	2.9003	0.3437	0.6726	225.18	0.1201	136.1	2.93	0.7622	61.005	159.000
160.000	16.5373	235.4361	265.2032	2.9045	0.3427	0.6681	226.21	0.1205	136.8	2.98	0.7585	60.469	160.000
161.000	16.6828	235.8401	265.8691	2.9088	0.3414	0.6641	227.23	0.1208	137.5	3.03	0.7559	59.942	161.000
162.000	16.8275	236.2418	266.5312	2.9128	0.3404	0.6601	228.25	0.1212	138.2	3.09	0.7527	59.427	162.000
163.000	16.9712	236.6417	267.1898	2.9168	0.3394	0.6564	229.25	0.1216	138.9	3.14	0.7497	58.923	163.000
164.000	17.1139	237.0389	267.8439	2.9208	0.3384	0.6528	230.24	0.1219	139.6	3.20	0.7476	58.432	164.000
165.000	17.2567	237.4328	268.4948	2.9248	0.3374	0.6493	231.22	0.1223	140.3	3.25	0.7449	57.949	165.000
166.000	17.3982	237.8258	269.1426	2.9288	0.3367	0.6461	232.20	0.1227	141.0	3.30	0.7425	57.477	166.000
167.000	17.5396	238.2159	269.7872	2.9326	0.3357	0.6428	233.16	0.1231	141.7	3.36	0.7400	57.014	167.000
168.000	17.6808	238.6038	270.4286	2.9363	0.3349	0.6398	234.12	0.1235	142.5	3.41	0.7383	56.558	168.000
169.000	17.8206	238.9896	271.0666	2.9403	0.3342	0.6368	235.07	0.1239	143.2	3.47	0.7360	56.116	169.000
170.000	17.9612	239.3726	271.7022	2.9441	0.3334	0.6341	236.01	0.1243	143.9	3.52	0.7341	55.676	170.000
171.000	18.1002	239.7542	272.3345	2.9478	0.3327	0.6313	236.94	0.1247	144.6	3.58	0.7321	55.248	171.000
172.000	18.2386	240.1343	272.9648	2.9513	0.3319	0.6288	237.88	0.1251	145.3	3.63	0.7304	54.829	172.000
173.000	18.3766	240.5144	273.5922	2.9551	0.3312	0.6263	238.78	0.1255	146.0	3.68	0.7286	54.417	173.000

THERMODYNAMIC PROPERTIES OF ARGON

10.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
174.000	18.5152	240.8896	274.2170	2.9586	0.3307	0.6238	239.69	0.1259	146.7	3.74	0.7269	54.010	174.000
176.000	18.6518	241.2666	274.8398	2.9621	0.3299	0.6216	240.59	0.1263	147.5	3.79	0.7269	53.814	176.000
176.000	18.7890	241.6397	275.4596	2.9656	0.3294	0.6193	241.49	0.1268	148.2	3.85	0.7238	53.223	176.000
177.000	18.9253	242.0123	276.0779	2.9691	0.3289	0.6171	242.38	0.1272	148.9	3.90	0.7223	52.839	177.000
178.000	19.0622	242.3817	276.6937	2.9726	0.3282	0.6148	243.26	0.1276	149.6	3.96	0.7208	52.460	178.000
179.000	19.1982	242.7518	277.3077	2.9761	0.3277	0.6128	244.14	0.1280	150.3	4.01	0.7196	52.088	179.000
180.000	19.3331	243.1196	277.9193	2.9794	0.3272	0.6108	245.01	0.1285	151.0	4.07	0.7177	51.725	180.000
181.000	19.4685	243.4863	278.5296	2.9829	0.3267	0.6090	245.87	0.1289	151.7	4.12	0.7168	51.365	181.000
182.000	19.6026	243.8527	279.1374	2.9861	0.3262	0.6073	246.73	0.1293	152.5	4.17	0.7163	51.014	182.000
183.000	19.7371	244.2169	279.7437	2.9896	0.3257	0.6053	247.58	0.1298	153.2	4.23	0.7144	50.666	183.000
184.000	19.8718	244.5789	280.3482	2.9929	0.3254	0.6038	248.43	0.1302	153.9	4.29	0.7137	50.322	184.000
185.000	20.0052	244.9413	280.9507	2.9961	0.3249	0.6020	249.27	0.1307	154.6	4.34	0.7121	49.987	185.000
186.000	20.1388	245.3021	281.5520	2.9994	0.3244	0.6005	250.11	0.1311	155.3	4.40	0.7114	49.655	186.000
187.000	20.2709	245.6642	282.1518	3.0027	0.3242	0.5988	250.94	0.1316	156.0	4.46	0.7098	49.332	187.000
188.000	20.4047	246.0218	282.7496	3.0057	0.3237	0.5973	251.76	0.1320	156.7	4.51	0.7090	49.008	188.000
189.000	20.5378	246.3797	283.3463	3.0089	0.3234	0.5958	252.58	0.1325	157.5	4.57	0.7082	48.693	189.000
190.000	20.6693	246.7367	283.9413	3.0122	0.3229	0.5946	253.40	0.1329	158.2	4.62	0.7077	48.381	190.000
191.000	20.8015	247.0924	284.5352	3.0152	0.3227	0.5930	254.21	0.1334	158.9	4.68	0.7064	48.073	191.000
192.000	20.9337	247.4467	285.1274	3.0182	0.3224	0.5918	255.02	0.1338	159.6	4.73	0.7059	47.770	192.000
193.000	21.0641	247.8031	285.7184	3.0214	0.3219	0.5905	255.82	0.1343	160.3	4.79	0.7048	47.474	193.000
194.000	21.1961	248.1553	286.3082	3.0244	0.3217	0.5893	256.62	0.1348	161.0	4.85	0.7038	47.179	194.000
195.000	21.3261	248.5098	286.8967	3.0274	0.3214	0.5880	257.41	0.1352	161.7	4.90	0.7033	46.891	195.000
196.000	21.4577	248.8601	287.4840	3.0304	0.3212	0.5868	258.20	0.1357	162.4	4.96	0.7022	46.603	196.000
197.000	21.5891	249.2099	288.0702	3.0334	0.3209	0.5855	258.98	0.1362	163.1	5.02	0.7012	46.320	197.000
198.000	21.7183	249.5623	288.6552	3.0364	0.3207	0.5845	259.76	0.1366	163.8	5.08	0.7009	46.044	198.000
199.000	21.8491	249.9106	289.2393	3.0392	0.3204	0.5833	260.54	0.1371	164.6	5.14	0.7003	45.768	199.000
200.000	21.9776	250.2622	289.8226	3.0422	0.3202	0.5823	261.31	0.1376	165.3	5.19	0.6995	45.501	200.000
202.000	22.2531	250.9334	290.9896	3.0482	0.3197	0.5803	262.85	0.1385	166.7	5.31	0.6984	44.938	202.000
204.000	22.5113	251.6270	292.1473	3.0537	0.3192	0.5783	264.37	0.1395	168.1	5.43	0.6968	44.422	204.000
206.000	22.7693	252.3173	293.3020	3.0595	0.3187	0.5765	265.87	0.1404	169.5	5.55	0.6960	43.919	206.000
208.000	23.0269	253.0046	294.4538	3.0650	0.3184	0.5747	267.36	0.1414	170.9	5.67	0.6947	43.427	208.000
210.000	23.2839	253.6900	295.6016	3.0705	0.3179	0.5730	268.84	0.1423	172.3	5.78	0.6938	42.948	210.000
212.000	23.5379	254.3760	296.7458	3.0760	0.3177	0.5715	270.30	0.1433	173.7	5.90	0.6927	42.485	212.000
214.000	23.7952	255.0554	297.8867	3.0813	0.3172	0.5700	271.75	0.1443	175.1	6.02	0.6917	42.025	214.000
216.000	24.0489	255.7371	299.0252	3.0865	0.3169	0.5685	273.19	0.1452	176.5	6.14	0.6910	41.582	216.000
218.000	24.3034	256.4148	300.1609	3.0918	0.3167	0.5672	274.62	0.1462	177.9	6.26	0.6902	41.146	218.000
220.000	24.5562	257.0931	301.2942	3.0970	0.3164	0.5660	276.03	0.1472	179.3	6.39	0.6894	40.723	220.000
222.000	24.8093	257.7679	302.4246	3.1020	0.3162	0.5647	277.44	0.1482	180.7	6.51	0.6886	40.308	222.000
224.000	25.0626	258.4399	303.5526	3.1073	0.3159	0.5635	278.83	0.1491	182.0	6.63	0.6878	39.900	224.000
226.000	25.3135	259.1140	304.6783	3.1123	0.3157	0.5622	280.21	0.1501	183.4	6.76	0.6870	39.505	226.000
228.000	25.5643	259.7861	305.8018	3.1171	0.3154	0.5612	281.59	0.1511	184.8	6.88	0.6864	39.117	228.000
230.000	25.8174	260.4519	306.9232	3.1221	0.3154	0.5602	282.95	0.1521	186.2	7.01	0.6858	38.734	230.000
232.000	26.0674	261.1213	308.0427	3.1268	0.3152	0.5592	284.30	0.1531	187.6	7.14	0.6852	38.362	232.000
234.000	26.3168	261.7899	309.1602	3.1316	0.3149	0.5582	285.65	0.1540	188.9	7.26	0.6847	37.999	234.000
236.000	26.5654	262.4579	310.2758	3.1363	0.3149	0.5572	286.98	0.1550	190.3	7.39	0.6841	37.643	236.000

THERMODYNAMIC PROPERTIES OF ARGON

10.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
238.000	26.8158	263.1208	311.3893	3.1411	0.3147	0.5565	288.31	0.1566	191.7	7.52	0.6838	37.291	238.000
240.000	27.0651	263.7848	312.5012	3.1458	0.3144	0.5555	289.63	0.1578	193.0	7.65	0.6828	36.948	240.000
242.000	27.3132	264.4479	313.6117	3.1503	0.3144	0.5547	290.94	0.1588	194.4	7.78	0.6825	36.612	242.000
244.000	27.5628	265.1073	314.7204	3.1549	0.3142	0.5540	292.24	0.1589	195.7	7.91	0.6823	36.281	244.000
246.000	27.8108	265.7680	315.8275	3.1594	0.3142	0.5532	293.53	0.1599	197.1	8.04	0.6819	35.957	246.000
248.000	28.0571	266.4305	316.9332	3.1639	0.3139	0.5525	294.81	0.1609	198.4	8.17	0.6812	35.642	248.000
250.000	28.3045	267.0895	318.0377	3.1684	0.3139	0.5517	296.09	0.1619	199.8	8.31	0.6809	35.330	250.000
252.000	28.5531	267.7450	319.1406	3.1726	0.3139	0.5512	297.36	0.1629	201.1	8.44	0.6805	35.022	252.000
254.000	28.7995	268.4029	320.2421	3.1771	0.3137	0.5505	298.62	0.1638	202.4	8.57	0.6802	34.723	254.000
256.000	29.0434	269.0643	321.3425	3.1814	0.3137	0.5500	299.88	0.1648	203.8	8.70	0.6801	34.431	256.000
258.000	29.2915	269.7166	322.4414	3.1856	0.3134	0.5492	301.12	0.1658	205.1	8.84	0.6794	34.146	258.000
260.000	29.5369	270.3729	323.5393	3.1899	0.3134	0.5487	302.36	0.1668	206.4	8.98	0.6790	33.866	260.000
262.000	29.7829	271.0270	324.6363	3.1942	0.3134	0.5482	303.60	0.1677	207.8	9.11	0.6793	33.576	262.000
264.000	30.0294	271.6787	325.7317	3.1984	0.3134	0.5475	304.83	0.1687	209.1	9.25	0.6786	33.381	264.000
266.000	30.2728	272.3354	326.8264	3.2024	0.3132	0.5470	306.05	0.1697	210.4	9.39	0.6781	33.033	266.000
268.000	30.5183	272.9899	327.9193	3.2064	0.3132	0.5465	307.26	0.1707	211.7	9.53	0.6777	32.769	268.000
270.000	30.7638	273.6375	329.0125	3.2107	0.3132	0.5460	308.47	0.1716	213.0	9.67	0.6777	32.506	270.000
272.000	31.0077	274.2899	330.1039	3.2147	0.3132	0.5455	309.67	0.1726	214.3	9.81	0.6772	32.250	272.000
274.000	31.2516	274.9416	331.1945	3.2187	0.3129	0.5450	310.87	0.1736	215.6	9.96	0.6768	31.998	274.000
276.000	31.4954	275.5926	332.2842	3.2224	0.3129	0.5447	312.06	0.1745	216.9	10.09	0.6771	31.751	276.000
278.000	31.7390	276.2429	333.3731	3.2264	0.3129	0.5442	313.24	0.1755	218.2	10.24	0.6766	31.507	278.000
280.000	31.9823	276.8926	334.4606	3.2304	0.3129	0.5437	314.42	0.1765	219.5	10.38	0.6762	31.267	280.000
282.000	32.2252	277.5426	335.5479	3.2342	0.3129	0.5435	315.59	0.1774	220.8	10.52	0.6764	31.032	282.000
284.000	32.4676	278.1926	336.6344	3.2382	0.3127	0.5430	316.76	0.1784	222.1	10.67	0.6760	30.800	284.000
286.000	32.7095	278.8428	337.7198	3.2420	0.3127	0.5425	317.92	0.1793	223.4	10.81	0.6759	30.572	286.000
288.000	32.9549	279.4856	338.8044	3.2457	0.3127	0.5422	319.07	0.1803	224.7	10.96	0.6757	30.345	288.000
290.000	33.1953	280.1371	339.8886	3.2495	0.3127	0.5417	320.23	0.1813	226.0	11.11	0.6753	30.125	290.000
292.000	33.4391	280.7813	340.9717	3.2532	0.3127	0.5415	321.37	0.1822	227.2	11.25	0.6752	29.905	292.000
294.000	33.6821	281.4263	342.0541	3.2567	0.3127	0.5412	322.51	0.1832	228.5	11.40	0.6750	29.689	294.000
296.000	33.9248	282.0731	343.1363	3.2605	0.3127	0.5407	323.65	0.1841	229.8	11.55	0.6749	29.478	296.000
298.000	34.1648	282.7209	344.2175	3.2642	0.3124	0.5405	324.78	0.1851	231.0	11.70	0.6746	29.270	298.000
300.000	34.4043	283.3705	345.2981	3.2677	0.3124	0.5402	325.91	0.1860	232.3	11.85	0.6747	29.066	300.000
302.000	34.6471	284.0138	346.3778	3.2713	0.3124	0.5397	327.03	0.1870	233.6	12.00	0.6742	28.862	302.000
304.000	34.8886	284.6578	347.4572	3.2750	0.3124	0.5395	328.14	0.1879	234.8	12.15	0.6741	28.663	304.000
306.000	35.1286	285.3049	348.5361	3.2785	0.3124	0.5392	329.25	0.1889	236.1	12.31	0.6739	28.467	306.000
308.000	35.3717	285.9452	349.6142	3.2820	0.3124	0.5390	330.36	0.1898	237.3	12.46	0.6738	28.271	308.000
310.000	35.6132	286.5878	350.6916	3.2855	0.3124	0.5387	331.46	0.1907	238.6	12.61	0.6740	28.079	310.000
312.000	35.8538	287.2334	351.7688	3.2890	0.3124	0.5384	332.56	0.1917	239.8	12.76	0.6736	27.892	312.000
314.000	36.0968	287.8725	352.8452	3.2923	0.3124	0.5382	333.66	0.1926	241.0	12.92	0.6734	27.704	314.000
316.000	36.3378	288.5148	353.9213	3.2958	0.3124	0.5379	334.75	0.1935	242.3	13.07	0.6736	27.520	316.000
318.000	36.5759	289.1601	354.9967	3.2990	0.3124	0.5377	335.83	0.1945	243.5	13.23	0.6732	27.340	318.000
320.000	36.8126	289.8090	356.0716	3.3025	0.3124	0.5374	336.91	0.1954	244.7	13.38	0.6730	27.165	320.000
322.000	37.0578	290.4426	357.1460	3.3058	0.3124	0.5372	337.99	0.1963	246.0	13.54	0.6732	26.985	322.000
324.000	37.2952	291.0888	358.2202	3.3093	0.3124	0.5369	339.06	0.1973	247.2	13.70	0.6727	26.813	324.000
326.000	37.5357	291.7293	359.2936	3.3126	0.3122	0.5367	340.13	0.1982	248.4	13.86	0.6726	26.641	326.000

THERMODYNAMIC PROPERTIES OF ARGON

10.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
328.000	37.7736	292.3743	360.3667	3.3158	0.3122	0.5364	341.20	0.1991	249.6	14.02	0.6725	26.474	328.000
330.000	38.0145	293.0133	361.4394	3.3191	0.3122	0.5362	342.26	0.2000	250.8	14.18	0.6724	26.306	330.000
332.000	38.2527	293.6567	362.5116	3.3223	0.3122	0.5359	343.31	0.2010	252.1	14.35	0.6722	26.142	332.000
334.000	38.4938	294.2945	363.5834	3.3256	0.3122	0.5357	344.37	0.2019	253.3	14.51	0.6721	25.978	334.000
336.000	38.7321	294.9370	364.6548	3.3288	0.3122	0.5357	345.42	0.2028	254.5	14.66	0.6723	25.818	336.000
338.000	38.9733	295.5738	365.7257	3.3318	0.3122	0.5354	346.46	0.2037	255.7	14.83	0.6721	25.659	338.000
340.000	39.2114	296.2159	366.7963	3.3351	0.3122	0.5352	347.50	0.2046	256.9	14.99	0.6720	25.503	340.000
342.000	39.4524	296.8521	367.8665	3.3381	0.3122	0.5349	348.54	0.2055	258.1	15.16	0.6719	25.347	342.000
344.000	39.6901	297.4942	368.9363	3.3413	0.3122	0.5347	349.58	0.2064	259.3	15.32	0.6717	25.195	344.000
346.000	39.9307	298.1305	370.0057	3.3443	0.3122	0.5347	350.61	0.2074	260.5	15.49	0.6716	25.043	346.000
348.000	40.1678	298.7729	371.0749	3.3474	0.3122	0.5344	351.63	0.2083	261.7	15.66	0.6715	24.896	348.000
350.000	40.4077	299.4097	372.1435	3.3506	0.3122	0.5342	352.66	0.2092	262.8	15.82	0.6711	24.748	350.000
352.000	40.6438	300.0538	373.2119	3.3536	0.3122	0.5342	353.68	0.2101	264.0	15.99	0.6712	24.604	352.000
354.000	40.8828	300.6988	374.2798	3.3566	0.3122	0.5339	354.70	0.2110	265.2	16.16	0.6711	24.460	354.000
356.000	41.1178	301.3353	375.3474	3.3596	0.3122	0.5337	355.71	0.2119	266.4	16.33	0.6710	24.320	356.000
358.000	41.3624	301.9824	376.4148	3.3626	0.3122	0.5337	356.72	0.2128	267.6	16.49	0.6711	24.177	358.000
360.000	41.5961	302.6089	377.4820	3.3656	0.3122	0.5334	357.73	0.2137	268.7	16.66	0.6707	24.041	360.000
362.000	41.8325	303.2582	378.5486	3.3684	0.3122	0.5332	358.73	0.2146	269.9	16.84	0.6706	23.905	362.000
364.000	42.0715	303.8865	379.6152	3.3714	0.3122	0.5332	359.73	0.2154	271.1	17.00	0.6711	23.769	364.000
366.000	42.3133	304.5175	380.6814	3.3744	0.3122	0.5329	360.73	0.2163	272.2	17.17	0.6707	23.633	366.000
368.000	42.5586	305.1559	381.7478	3.3771	0.3122	0.5329	361.72	0.2172	273.4	17.34	0.6708	23.501	368.000
370.000	42.7934	305.8026	382.8126	3.3801	0.3122	0.5327	362.71	0.2181	274.5	17.52	0.6704	23.374	370.000
372.000	43.0268	306.4389	383.8778	3.3829	0.3122	0.5324	363.70	0.2190	275.7	17.70	0.6703	23.242	372.000
374.000	43.2648	307.0677	384.9429	3.3859	0.3122	0.5324	364.69	0.2199	276.8	17.87	0.6702	23.114	374.000
376.000	43.4978	307.7129	386.0076	3.3887	0.3122	0.5322	365.67	0.2208	278.0	18.05	0.6701	22.990	376.000
378.000	43.7402	308.3395	387.0719	3.3914	0.3122	0.5322	366.65	0.2216	279.1	18.21	0.6703	22.862	378.000
380.000	43.9787	308.9887	388.1360	3.3944	0.3122	0.5319	367.62	0.2225	280.3	18.39	0.6701	22.742	380.000
382.000	44.2115	309.6193	389.2000	3.3972	0.3122	0.5319	368.60	0.2234	281.4	18.57	0.6700	22.619	382.000
384.000	44.4478	310.2598	390.2636	3.3999	0.3122	0.5317	369.57	0.2243	282.6	18.75	0.6699	22.499	384.000
386.000	44.6856	310.8942	391.3272	3.4027	0.3122	0.5317	370.53	0.2251	283.7	18.92	0.6701	22.379	386.000
388.000	44.9256	311.5248	392.3901	3.4054	0.3122	0.5314	371.50	0.2260	284.8	19.11	0.6697	22.259	388.000
390.000	45.1666	312.1641	393.4532	3.4082	0.3122	0.5314	372.46	0.2269	286.0	19.28	0.6699	22.143	390.000
392.000	45.3982	312.7992	394.5159	3.4109	0.3122	0.5312	373.42	0.2278	287.1	19.47	0.6695	22.027	392.000
394.000	45.6382	313.4295	395.5782	3.4134	0.3122	0.5312	374.38	0.2286	288.2	19.64	0.6697	21.911	394.000
396.000	45.8724	314.0702	396.6404	3.4162	0.3122	0.5309	375.33	0.2295	289.4	19.83	0.6695	21.800	396.000
398.000	46.1089	314.7064	397.7025	3.4189	0.3122	0.5309	376.28	0.2303	290.5	20.00	0.6697	21.688	398.000
400.000	46.3488	315.3378	398.7641	3.4217	0.3122	0.5309	377.23	0.2312	291.6	20.18	0.6696	21.578	400.000

THERMODYNAMIC PROPERTIES OF ARGON

20.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
86.000	0.7181	71.6717	73.0920	1.3362	0.8576	1.3062	647.51	1.3187	2764.1	0.72	2.7379	1408.159	86.000
87.000	0.7133	72.9582	74.3827	1.3518	0.8283	1.2777	653.77	1.3005	2681.7	0.73	2.6346	1402.811	87.000
88.000	0.7164	74.2158	75.6486	1.3655	0.7868	1.2531	659.29	1.2829	2603.2	0.73	2.5428	1395.867	88.000
89.000	0.7196	75.4526	76.8917	1.3795	0.7578	1.2326	664.12	1.2659	2528.4	0.74	2.4621	1389.715	89.000
90.000	0.7228	76.6782	78.1168	1.3933	0.7302	1.2156	668.05	1.2491	2456.7	0.74	2.3908	1383.523	90.000
91.000	0.7261	77.8712	79.3234	1.4066	0.7064	1.2013	671.19	1.2328	2387.9	0.75	2.3269	1377.287	91.000
92.000	0.7294	79.0614	80.5282	1.4196	0.6849	1.1898	673.66	1.2169	2321.9	0.75	2.2702	1371.023	92.000
93.000	0.7328	80.2486	81.7055	1.4326	0.6656	1.1803	675.38	1.2013	2258.5	0.75	2.2196	1364.712	93.000
94.000	0.7362	81.4079	82.8802	1.4451	0.6481	1.1728	676.61	1.1860	2197.7	0.74	2.1732	1358.378	94.000
95.000	0.7397	82.5767	84.0500	1.4574	0.6326	1.1673	677.09	1.1711	2139.1	0.74	2.1321	1351.972	95.000
96.000	0.7432	83.7291	85.2155	1.4697	0.6186	1.1638	676.99	1.1564	2082.5	0.74	2.0944	1345.509	96.000
97.000	0.7468	84.8839	86.3775	1.4817	0.6058	1.1613	676.29	1.1419	2027.9	0.74	2.0605	1338.977	97.000
98.000	0.7505	86.0358	87.5360	1.4937	0.5943	1.1598	675.12	1.1276	1975.2	0.73	2.0298	1332.398	98.000
99.000	0.7543	87.1862	88.6948	1.5055	0.5838	1.1593	673.47	1.1136	1924.3	0.73	2.0015	1325.754	99.000
100.000	0.7581	88.3358	89.8521	1.5170	0.5742	1.1595	671.37	1.0998	1875.1	0.72	1.9752	1319.047	100.000
101.000	0.7621	89.4867	91.0128	1.5285	0.5655	1.1598	668.78	1.0861	1827.3	0.71	1.9512	1312.248	101.000
102.000	0.7660	90.6415	92.1738	1.5400	0.5575	1.1618	665.84	1.0726	1781.1	0.71	1.9292	1305.481	102.000
103.000	0.7701	91.7963	93.3356	1.5513	0.5502	1.1645	662.60	1.0593	1736.5	0.70	1.9090	1298.498	103.000
104.000	0.7743	92.9540	94.5026	1.5625	0.5437	1.1688	658.87	1.0461	1693.0	0.69	1.8903	1291.475	104.000
105.000	0.7786	94.1157	95.6729	1.5738	0.5374	1.1718	654.93	1.0330	1650.9	0.69	1.8727	1284.408	105.000
106.000	0.7829	95.2793	96.8451	1.5848	0.5317	1.1763	650.62	1.0201	1610.0	0.68	1.8565	1277.249	106.000
107.000	0.7874	96.4496	98.0244	1.5961	0.5264	1.1815	646.02	1.0072	1570.3	0.67	1.8421	1270.007	107.000
108.000	0.7920	97.6260	99.2100	1.6071	0.5217	1.1878	641.12	0.9945	1531.6	0.66	1.8281	1262.672	108.000
109.000	0.7967	98.8068	100.3993	1.6179	0.5172	1.1931	635.96	0.9819	1494.0	0.66	1.8163	1255.254	109.000
110.000	0.8014	99.9939	101.5908	1.6289	0.5129	1.1996	630.51	0.9693	1457.4	0.65	1.8036	1247.748	110.000
111.000	0.8064	101.1861	102.7909	1.6399	0.5092	1.2068	624.78	0.9568	1421.7	0.64	1.7932	1240.126	111.000
112.000	0.8114	102.3871	104.0100	1.6506	0.5057	1.2146	618.84	0.9444	1387.0	0.63	1.7838	1232.420	112.000
113.000	0.8166	103.5953	105.2285	1.6614	0.5024	1.2228	612.61	0.9320	1353.1	0.62	1.7753	1224.594	113.000
114.000	0.8219	104.8111	106.4549	1.6722	0.4991	1.2319	606.15	0.9197	1320.0	0.61	1.7688	1216.664	114.000
115.000	0.8274	106.0372	107.6928	1.6832	0.4964	1.2414	599.38	0.9074	1287.7	0.60	1.7616	1208.607	115.000
116.000	0.8330	107.2726	108.9386	1.6940	0.4939	1.2519	592.39	0.8951	1256.1	0.60	1.7568	1200.437	116.000
117.000	0.8388	108.5188	110.1965	1.7047	0.4916	1.2629	585.09	0.8828	1225.1	0.59	1.7526	1192.116	117.000
118.000	0.8448	109.7758	111.4647	1.7155	0.4894	1.2752	577.53	0.8706	1194.8	0.58	1.7500	1183.651	118.000
119.000	0.8510	111.0447	112.7468	1.7262	0.4874	1.2882	569.68	0.8583	1165.1	0.57	1.7486	1175.038	119.000
120.000	0.8574	112.3274	114.0422	1.7370	0.4859	1.3024	561.55	0.8460	1135.9	0.56	1.7488	1166.254	120.000
121.000	0.8641	113.6248	115.3538	1.7480	0.4844	1.3186	553.09	0.8337	1107.3	0.55	1.7505	1157.286	121.000
122.000	0.8710	114.9372	116.6792	1.7590	0.4831	1.3362	544.32	0.8213	1079.1	0.54	1.7544	1148.125	122.000
123.000	0.8782	116.2669	118.0232	1.7699	0.4821	1.3538	535.19	0.8088	1051.3	0.52	1.7597	1138.746	123.000
124.000	0.8856	117.6162	119.3875	1.7808	0.4814	1.3743	525.76	0.7962	1023.9	0.51	1.7673	1129.134	124.000
125.000	0.8934	118.9861	120.7738	1.7921	0.4809	1.3971	515.91	0.7835	996.8	0.50	1.7774	1119.259	125.000
126.000	0.9016	120.3783	122.1816	1.8033	0.4806	1.4223	505.69	0.7707	970.0	0.49	1.7902	1109.100	126.000
127.000	0.9102	121.7977	123.6182	1.8146	0.4806	1.4506	495.03	0.7578	943.4	0.48	1.8059	1098.618	127.000
128.000	0.9193	123.2478	125.0856	1.8261	0.4809	1.4827	483.89	0.7446	916.9	0.46	1.8258	1087.764	128.000
129.000	0.9289	124.7262	126.5848	1.8379	0.4816	1.5187	472.29	0.7312	890.6	0.45	1.8498	1076.519	129.000
• 129.718	0.9362	125.8669	127.6792	1.8464	0.4824	1.5475	463.65	0.7215	871.8	0.44	1.8699	1068.198	129.718

THERMODYNAMIC PROPERTIES OF ARGON

20.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
* 129.710	9.8290	218.3919	238.0500	2.6963	0.4481	1.1983	182.48	0.1200	118.7	0.90	1.1853	101.740	129.710
130.000	9.8857	218.6120	238.3834	2.6988	0.4458	1.1838	183.05	0.1199	118.8	1.00	1.1729	101.150	130.000
131.000	10.0917	219.3502	239.5416	2.7078	0.4383	1.1352	185.04	0.1196	119.3	1.06	1.1324	99.091	131.000
132.000	10.2999	220.0736	240.6553	2.7163	0.4316	1.0932	186.95	0.1193	119.9	1.12	1.0987	97.174	132.000
133.000	10.4848	220.7613	241.7292	2.7243	0.4253	1.0561	188.78	0.1191	120.4	1.18	1.0677	95.384	133.000
134.000	10.6721	221.4243	242.7686	2.7321	0.4195	1.0233	190.55	0.1189	120.9	1.24	1.0405	93.702	134.000
135.000	10.8554	222.0656	243.7764	2.7396	0.4140	0.9938	192.27	0.1188	121.5	1.30	1.0164	92.120	135.000
136.000	11.0344	222.6887	244.7574	2.7468	0.4090	0.9673	193.94	0.1188	122.1	1.36	0.9941	90.628	136.000
137.000	11.2098	223.2929	245.7124	2.7538	0.4045	0.9435	195.56	0.1187	122.7	1.41	0.9753	89.208	137.000
138.000	11.3815	223.8813	246.6444	2.7606	0.4000	0.9217	197.13	0.1187	123.3	1.47	0.9574	87.862	138.000
139.000	11.5500	224.4548	247.5561	2.7671	0.3960	0.9017	198.67	0.1188	123.9	1.52	0.9404	86.575	139.000
140.000	11.7166	225.0158	248.4482	2.7736	0.3920	0.8836	200.17	0.1188	124.5	1.58	0.9260	85.349	140.000
141.000	11.8795	225.5648	249.3231	2.7799	0.3885	0.8666	201.63	0.1189	125.2	1.63	0.9125	84.178	141.000
142.000	12.0407	226.1009	250.1822	2.7859	0.3850	0.8511	203.07	0.1190	125.8	1.68	0.8997	83.052	142.000
143.000	12.1991	226.6274	251.0256	2.7919	0.3817	0.8368	204.47	0.1191	126.4	1.74	0.8881	81.973	143.000
144.000	12.3556	227.1446	251.8559	2.7976	0.3787	0.8236	205.84	0.1193	127.1	1.79	0.8774	80.935	144.000
145.000	12.5106	227.6527	252.6727	2.8031	0.3760	0.8111	207.19	0.1194	127.7	1.84	0.8674	79.936	145.000
146.000	12.6625	228.1538	253.4780	2.8087	0.3732	0.7995	208.51	0.1196	128.4	1.89	0.8584	78.973	146.000
147.000	12.8135	228.6447	254.2718	2.8142	0.3707	0.7885	209.81	0.1198	129.0	1.95	0.8491	78.042	147.000
148.000	12.9628	229.1296	255.0553	2.8194	0.3682	0.7785	211.09	0.1200	129.7	2.00	0.8414	77.144	148.000
149.000	13.1108	229.6066	255.8283	2.8247	0.3660	0.7687	212.35	0.1202	130.4	2.05	0.8340	76.273	149.000
150.000	13.2574	230.0783	256.5930	2.8299	0.3637	0.7600	213.58	0.1204	131.1	2.10	0.8275	75.430	150.000
151.000	13.4022	230.5446	257.3483	2.8349	0.3617	0.7515	214.80	0.1206	131.7	2.15	0.8206	74.615	151.000
152.000	13.5457	231.0048	258.0955	2.8397	0.3597	0.7435	216.00	0.1209	132.4	2.20	0.8142	73.824	152.000
153.000	13.6887	231.4576	258.8350	2.8447	0.3577	0.7360	217.18	0.1211	133.1	2.25	0.8089	73.053	153.000
154.000	13.8301	231.9074	259.5677	2.8495	0.3560	0.7287	218.34	0.1214	133.8	2.30	0.8031	72.306	154.000
155.000	13.9706	232.3514	260.2926	2.8540	0.3542	0.7219	219.49	0.1217	134.4	2.36	0.7973	71.579	155.000
156.000	14.1100	232.7913	261.0113	2.8587	0.3527	0.7154	220.62	0.1220	135.1	2.41	0.7923	70.872	156.000
157.000	14.2481	233.2275	261.7237	2.8632	0.3512	0.7094	221.74	0.1222	135.8	2.45	0.7884	70.185	157.000
158.000	14.3857	233.6588	262.4301	2.8677	0.3497	0.7037	222.85	0.1225	136.5	2.50	0.7841	69.514	158.000
159.000	14.5226	234.0859	263.1310	2.8722	0.3482	0.6982	223.94	0.1228	137.2	2.55	0.7800	68.858	159.000
160.000	14.6578	234.5104	263.8266	2.8765	0.3470	0.6929	225.01	0.1231	137.9	2.60	0.7762	68.223	160.000
161.000	14.7929	234.9306	264.5164	2.8807	0.3457	0.6879	226.08	0.1235	138.6	2.66	0.7720	67.600	161.000
162.000	14.9270	235.3488	265.2020	2.8850	0.3444	0.6831	227.13	0.1238	139.3	2.71	0.7697	66.993	162.000
163.000	15.0600	235.7660	265.8824	2.8893	0.3432	0.6786	228.17	0.1241	140.0	2.75	0.7656	66.398	163.000
164.000	15.1933	236.1723	266.5590	2.8933	0.3419	0.6741	229.20	0.1244	140.7	2.80	0.7625	65.818	164.000
165.000	15.3254	236.5800	267.2309	2.8975	0.3409	0.6699	230.22	0.1248	141.4	2.86	0.7598	65.251	165.000
166.000	15.4568	236.9867	267.8987	2.9015	0.3399	0.6661	231.23	0.1251	142.1	2.90	0.7566	64.700	166.000
167.000	15.5869	237.3893	268.5631	2.9055	0.3389	0.6621	232.23	0.1255	142.8	2.95	0.7534	64.156	167.000
168.000	15.7170	237.7889	269.2236	2.9095	0.3379	0.6586	233.22	0.1258	143.5	3.00	0.7513	63.625	168.000
169.000	15.8464	238.1873	269.8801	2.9133	0.3372	0.6551	234.20	0.1262	144.2	3.05	0.7486	63.106	169.000
170.000	15.9758	238.5813	270.5329	2.9170	0.3362	0.6516	235.17	0.1265	144.9	3.10	0.7464	62.595	170.000
171.000	16.1043	238.9747	271.1833	2.9210	0.3354	0.6483	236.13	0.1269	145.6	3.15	0.7439	62.095	171.000
172.000	16.2317	239.3664	271.8299	2.9248	0.3347	0.6453	237.09	0.1273	146.3	3.20	0.7417	61.608	172.000
173.000	16.3601	239.7533	272.4734	2.9286	0.3339	0.6423	238.03	0.1277	147.0	3.25	0.7394	61.124	173.000

THERMODYNAMIC PROPERTIES OF ARGON

20.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
174.000	16.4861	240.1420	273.1143	2.9321	0.3332	0.6393	238.97	0.1280	147.7	3.30	0.7377	60.657	174.000
176.000	16.6130	240.5263	273.7524	2.9358	0.3324	0.6366	239.90	0.1284	148.4	3.35	0.7357	60.194	176.000
176.000	16.7386	240.9103	274.3875	2.9393	0.3317	0.6338	240.82	0.1288	149.1	3.40	0.7337	59.742	176.000
177.000	16.8649	241.2963	275.0260	2.9431	0.3309	0.6313	241.73	0.1292	149.8	3.45	0.7320	59.295	177.000
178.000	16.9896	241.6798	275.6581	2.9466	0.3304	0.6288	242.64	0.1296	150.5	3.50	0.7302	58.859	178.000
179.000	17.1151	242.0472	276.2774	2.9501	0.3297	0.6266	243.54	0.1300	151.2	3.55	0.7287	58.428	179.000
180.000	17.2389	242.4258	276.9027	2.9536	0.3292	0.6241	244.43	0.1304	151.9	3.60	0.7270	58.008	180.000
181.000	17.3632	242.7993	277.5258	2.9571	0.3287	0.6218	245.32	0.1308	152.6	3.65	0.7254	57.593	181.000
182.000	17.4869	243.1722	278.1461	2.9603	0.3282	0.6198	246.20	0.1312	153.3	3.70	0.7242	57.186	182.000
183.000	17.6099	243.5452	278.7651	2.9639	0.3277	0.6176	247.07	0.1317	154.1	3.76	0.7226	56.786	183.000
184.000	17.7335	243.9148	279.3817	2.9671	0.3272	0.6156	247.94	0.1321	154.8	3.81	0.7213	56.391	184.000
185.000	17.8562	244.2839	279.9962	2.9706	0.3267	0.6138	248.80	0.1325	155.5	3.85	0.7203	56.003	185.000
186.000	17.9786	244.6538	280.6090	2.9739	0.3262	0.6118	249.65	0.1329	156.2	3.91	0.7191	55.624	186.000
187.000	18.1002	245.0192	281.2196	2.9771	0.3257	0.6100	250.50	0.1333	156.9	3.96	0.7180	55.248	187.000
188.000	18.2214	245.3858	281.8286	2.9804	0.3252	0.6083	251.35	0.1338	157.6	4.01	0.7165	54.881	188.000
189.000	18.3429	245.7501	282.4359	2.9836	0.3249	0.6065	252.19	0.1342	158.3	4.06	0.7155	54.517	189.000
190.000	18.4647	246.1124	283.0417	2.9866	0.3244	0.6048	253.02	0.1346	159.0	4.11	0.7144	54.158	190.000
191.000	18.5853	246.4749	283.6455	2.9899	0.3239	0.6033	253.85	0.1351	159.7	4.16	0.7131	53.806	191.000
192.000	18.7061	246.8368	284.2483	2.9931	0.3237	0.6015	254.67	0.1355	160.4	4.21	0.7121	53.458	192.000
193.000	18.8257	247.1974	284.8488	2.9961	0.3232	0.6000	255.49	0.1360	161.1	4.27	0.7108	53.119	193.000
194.000	18.9464	247.5575	285.4483	2.9994	0.3229	0.5988	256.30	0.1364	161.8	4.32	0.7103	52.783	194.000
195.000	19.0652	247.9158	286.0461	3.0024	0.3227	0.5973	257.11	0.1368	162.5	4.37	0.7095	52.452	195.000
196.000	19.1858	248.2727	286.6426	3.0054	0.3222	0.5958	257.91	0.1373	163.2	4.42	0.7082	52.124	196.000
197.000	19.3048	248.6283	287.2379	3.0084	0.3219	0.5945	258.71	0.1377	163.9	4.47	0.7076	51.801	197.000
198.000	19.4231	248.9854	287.8317	3.0114	0.3217	0.5933	259.51	0.1382	164.6	4.52	0.7066	51.486	198.000
199.000	19.5429	249.3383	288.4242	3.0144	0.3214	0.5920	260.30	0.1387	165.3	4.58	0.7056	51.169	199.000
200.000	19.6611	249.6929	289.0152	3.0174	0.3212	0.5908	261.08	0.1391	166.0	4.63	0.7050	50.862	200.000
202.000	19.9000	250.3795	290.1990	3.0234	0.3204	0.5883	262.65	0.1400	167.4	4.74	0.7034	50.227	202.000
204.000	20.1453	251.0027	291.3733	3.0292	0.3199	0.5868	264.19	0.1409	168.8	4.84	0.7020	49.639	204.000
206.000	20.3815	251.7003	292.5433	3.0349	0.3197	0.5848	265.72	0.1419	170.2	4.95	0.7005	49.064	206.000
208.000	20.6148	252.4795	293.7090	3.0405	0.3192	0.5828	267.23	0.1428	171.6	5.06	0.6994	48.509	208.000
210.000	20.8483	253.1745	294.8711	3.0460	0.3187	0.5808	268.73	0.1437	173.0	5.17	0.6983	47.966	210.000
212.000	21.0818	253.8654	296.0291	3.0515	0.3184	0.5783	270.21	0.1447	174.4	5.28	0.6969	47.434	212.000
214.000	21.3152	254.5535	297.1838	3.0570	0.3179	0.5765	271.68	0.1456	175.8	5.38	0.6961	46.915	214.000
216.000	21.5463	255.2424	298.3361	3.0622	0.3177	0.5747	273.14	0.1466	177.2	5.50	0.6947	46.412	216.000
218.000	21.7769	255.9293	299.4831	3.0677	0.3172	0.5732	274.59	0.1475	178.6	5.60	0.6941	45.920	218.000
220.000	22.0086	256.6169	300.6281	3.0727	0.3169	0.5717	276.02	0.1485	179.9	5.72	0.6928	45.437	220.000
222.000	22.2393	257.2917	301.7703	3.0780	0.3167	0.5702	277.44	0.1494	181.3	5.83	0.6920	44.965	222.000
224.000	22.4688	257.9718	302.9095	3.0830	0.3164	0.5690	278.85	0.1504	182.7	5.94	0.6912	44.506	224.000
226.000	22.6978	258.6519	304.0466	3.0883	0.3162	0.5677	280.25	0.1514	184.1	6.05	0.6904	44.059	226.000
228.000	22.9257	259.3289	305.1802	3.0933	0.3159	0.5665	281.64	0.1523	185.4	6.16	0.6896	43.619	228.000
230.000	23.1547	260.0026	306.3120	3.0980	0.3157	0.5652	283.02	0.1533	186.8	6.28	0.6888	43.188	230.000
232.000	23.3818	260.6776	307.4412	3.1030	0.3154	0.5642	284.39	0.1543	188.2	6.39	0.6882	42.768	232.000
234.000	23.6089	261.3563	308.5681	3.1078	0.3154	0.5630	285.74	0.1552	189.5	6.51	0.6874	42.357	234.000
236.000	23.8360	262.0214	309.6933	3.1125	0.3152	0.5620	287.09	0.1562	190.9	6.63	0.6868	41.953	236.000

THERMODYNAMIC PROPERTIES OF ARGON

20.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
238.000	24.0628	262.6987	310.8163	3.1173	0.3149	0.5610	288.43	0.1672	192.2	6.74	0.6859	41.558	238.000
240.000	24.2869	263.3631	311.9378	3.1221	0.3149	0.5600	289.76	0.1681	193.6	6.86	0.6857	41.174	240.000
242.000	24.5129	264.0305	313.0562	3.1268	0.3147	0.5590	291.08	0.1691	194.9	6.98	0.6848	40.795	242.000
244.000	24.7382	264.6968	314.1732	3.1313	0.3144	0.5582	292.39	0.1686	196.3	7.09	0.6849	40.423	244.000
246.000	24.9651	265.3584	315.2886	3.1358	0.3144	0.5572	293.70	0.1616	197.6	7.21	0.6839	40.056	246.000
248.000	25.1887	266.0251	316.4026	3.1403	0.3142	0.5565	294.99	0.1628	199.0	7.33	0.6836	39.700	248.000
250.000	25.4137	266.6873	317.5148	3.1448	0.3142	0.5557	296.28	0.1638	200.3	7.45	0.6829	39.349	250.000
252.000	25.6376	267.3503	318.6255	3.1493	0.3139	0.5550	297.56	0.1639	201.7	7.57	0.6830	39.005	252.000
254.000	25.8601	268.0143	319.7344	3.1536	0.3139	0.5542	298.83	0.1649	203.0	7.69	0.6823	38.670	254.000
256.000	26.0837	268.6746	320.8421	3.1579	0.3139	0.5535	300.10	0.1658	204.3	7.81	0.6820	38.338	256.000
258.000	26.3065	269.3313	321.9483	3.1624	0.3137	0.5527	301.35	0.1668	205.6	7.94	0.6813	38.011	258.000
260.000	26.5288	269.9957	323.0532	3.1668	0.3137	0.5522	302.60	0.1678	207.0	8.06	0.6812	37.695	260.000
262.000	26.7527	270.6512	324.1566	3.1709	0.3137	0.5515	303.84	0.1687	208.3	8.18	0.6809	37.379	262.000
264.000	26.9747	271.3094	325.2588	3.1749	0.3134	0.5510	305.08	0.1697	209.6	8.31	0.6805	37.072	264.000
266.000	27.1975	271.9651	326.3600	3.1791	0.3134	0.5502	306.31	0.1707	210.9	8.44	0.6798	36.768	266.000
268.000	27.4179	272.6241	327.4599	3.1831	0.3134	0.5497	307.53	0.1716	212.2	8.56	0.6798	36.473	268.000
270.000	27.6389	273.2808	328.5586	3.1874	0.3132	0.5492	308.75	0.1726	213.5	8.69	0.6794	36.181	270.000
272.000	27.8604	273.9356	329.6563	3.1914	0.3132	0.5485	309.96	0.1735	214.8	8.81	0.6790	35.893	272.000
274.000	28.0823	274.5884	330.7530	3.1954	0.3132	0.5480	311.16	0.1745	216.1	8.94	0.6786	35.610	274.000
276.000	28.3045	275.2396	331.8487	3.1994	0.3132	0.5476	312.36	0.1755	217.4	9.07	0.6782	35.330	276.000
278.000	28.5239	275.8953	332.9431	3.2034	0.3129	0.5470	313.55	0.1764	218.7	9.20	0.6781	35.058	278.000
280.000	28.7433	276.5501	334.0367	3.2072	0.3129	0.5465	314.73	0.1774	220.0	9.33	0.6777	34.791	280.000
282.000	28.9661	277.1971	335.1294	3.2112	0.3129	0.5462	315.91	0.1783	221.3	9.46	0.6779	34.523	282.000
284.000	29.1857	277.8497	336.2211	3.2149	0.3129	0.5457	317.08	0.1793	222.6	9.59	0.6775	34.263	284.000
286.000	29.4051	278.5016	337.3117	3.2187	0.3129	0.5452	318.25	0.1802	223.8	9.72	0.6771	34.008	286.000
288.000	29.6243	279.1533	338.4019	3.2227	0.3127	0.5447	319.41	0.1812	225.1	9.85	0.6767	33.756	288.000
290.000	29.8433	279.8043	339.4908	3.2264	0.3127	0.5445	320.57	0.1821	226.4	9.98	0.6769	33.508	290.000
292.000	30.0619	280.4554	340.5792	3.2302	0.3127	0.5440	321.72	0.1831	227.7	10.12	0.6765	33.265	292.000
294.000	30.2837	281.0992	341.6667	3.2337	0.3127	0.5435	322.87	0.1840	228.9	10.25	0.6761	33.021	294.000
296.000	30.5015	281.7507	342.7536	3.2375	0.3127	0.5432	324.01	0.1850	230.2	10.39	0.6759	32.785	296.000
298.000	30.7185	282.4024	343.8395	3.2412	0.3127	0.5427	325.15	0.1859	231.5	10.52	0.6758	32.554	298.000
300.000	30.9388	283.0471	344.9246	3.2447	0.3127	0.5425	326.28	0.1868	232.7	10.65	0.6757	32.322	300.000
302.000	31.1583	283.6928	346.0093	3.2485	0.3127	0.5422	327.40	0.1878	234.0	10.79	0.6756	32.094	302.000
304.000	31.3778	284.3393	347.0932	3.2520	0.3124	0.5417	328.52	0.1887	235.2	10.93	0.6752	31.871	304.000
306.000	31.5948	284.9868	348.1764	3.2555	0.3124	0.5415	329.64	0.1897	236.5	11.07	0.6750	31.651	306.000
308.000	31.8116	285.6358	349.2590	3.2590	0.3124	0.5412	330.75	0.1906	237.7	11.20	0.6749	31.435	308.000
310.000	32.0314	286.2781	350.3409	3.2625	0.3124	0.5407	331.86	0.1915	239.0	11.34	0.6748	31.219	310.000
312.000	32.2486	286.9301	351.4221	3.2660	0.3124	0.5405	332.96	0.1925	240.2	11.49	0.6744	31.012	312.000
314.000	32.4634	287.5759	352.5027	3.2695	0.3124	0.5402	334.06	0.1934	241.4	11.62	0.6743	30.804	314.000
316.000	32.6838	288.2152	353.5829	3.2730	0.3124	0.5400	335.15	0.1943	242.7	11.76	0.6745	30.596	316.000
318.000	32.8986	288.8651	354.6623	3.2763	0.3124	0.5397	336.24	0.1952	243.9	11.90	0.6744	30.396	318.000
320.000	33.1162	289.5098	355.7416	3.2798	0.3124	0.5395	337.33	0.1962	245.1	12.04	0.6739	30.197	320.000
322.000	33.3323	290.1558	356.8196	3.2836	0.3124	0.5390	338.41	0.1971	246.4	12.19	0.6738	30.001	322.000
324.000	33.5512	290.7951	357.8975	3.2863	0.3124	0.5387	339.48	0.1980	247.6	12.33	0.6736	29.805	324.000
326.000	33.7684	291.4386	358.9749	3.2898	0.3124	0.5384	340.56	0.1989	248.8	12.47	0.6735	29.613	326.000

THERMODYNAMIC PROPERTIES OF ARGON

20.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
328.000	33.9839	292.6846	360.6518	3.2936	0.3124	0.5382	341.62	0.1998	250.0	12.62	0.6734	29.428	328.000
330.000	34.2821	292.7239	361.1282	3.2963	0.3122	0.5379	342.69	0.2008	251.2	12.77	0.6730	29.238	330.000
332.000	34.4185	293.3669	362.2039	3.2995	0.3122	0.5377	343.75	0.2017	252.4	12.91	0.6729	29.054	332.000
334.000	34.6327	294.0148	363.2795	3.3028	0.3122	0.5377	344.81	0.2026	253.6	13.05	0.6731	28.874	334.000
336.000	34.8497	294.6547	364.3541	3.3060	0.3122	0.5374	345.86	0.2035	254.8	13.20	0.6729	28.695	336.000
338.000	35.0645	295.2995	365.4285	3.3091	0.3122	0.5372	346.91	0.2044	256.1	13.34	0.6731	28.519	338.000
340.000	35.2819	295.9388	366.5027	3.3123	0.3122	0.5369	347.95	0.2053	257.2	13.49	0.6727	28.343	340.000
342.000	35.4971	296.5822	367.5764	3.3153	0.3122	0.5367	348.99	0.2062	258.4	13.64	0.6726	28.171	342.000
344.000	35.7149	297.2196	368.6496	3.3186	0.3122	0.5364	350.03	0.2071	259.6	13.79	0.6724	28.000	344.000
346.000	35.9302	297.8618	369.7221	3.3216	0.3122	0.5362	351.06	0.2080	260.8	13.94	0.6723	27.832	346.000
348.000	36.1481	298.4984	370.7945	3.3248	0.3122	0.5359	352.09	0.2089	262.0	14.09	0.6722	27.664	348.000
350.000	36.3634	299.1397	371.8664	3.3278	0.3122	0.5359	353.12	0.2098	263.2	14.23	0.6724	27.500	350.000
352.000	36.5759	299.7866	372.9378	3.3308	0.3122	0.5357	354.14	0.2107	264.4	14.39	0.6722	27.340	352.000
354.000	36.7909	300.4273	374.0092	3.3338	0.3122	0.5354	355.16	0.2116	265.5	14.54	0.6718	27.181	354.000
356.000	37.0065	301.0628	375.0798	3.3368	0.3122	0.5352	356.18	0.2125	266.7	14.69	0.6717	27.021	356.000
358.000	37.2231	301.7048	376.1502	3.3398	0.3122	0.5352	357.19	0.2134	267.9	14.84	0.6719	26.865	358.000
360.000	37.4402	302.3399	377.2204	3.3428	0.3122	0.5349	358.20	0.2143	269.1	15.00	0.6717	26.709	360.000
362.000	37.6542	302.9815	378.2900	3.3458	0.3122	0.5347	359.21	0.2152	270.2	15.15	0.6714	26.557	362.000
364.000	37.8658	303.6294	379.3594	3.3489	0.3122	0.5347	360.21	0.2161	271.4	15.30	0.6715	26.410	364.000
366.000	38.0839	304.2685	380.4283	3.3519	0.3122	0.5344	361.21	0.2170	272.6	15.46	0.6714	26.258	366.000
368.000	38.2995	304.8982	381.4972	3.3546	0.3122	0.5342	362.21	0.2179	273.7	15.62	0.6710	26.110	368.000
370.000	38.5116	305.5424	382.5656	3.3576	0.3122	0.5342	363.20	0.2187	274.9	15.77	0.6715	25.966	370.000
372.000	38.7261	306.1813	383.6335	3.3604	0.3122	0.5339	364.19	0.2196	276.0	15.93	0.6711	25.822	372.000
374.000	38.9430	306.8151	384.7011	3.3634	0.3122	0.5337	365.18	0.2205	277.2	16.09	0.6709	25.679	374.000
376.000	39.1562	307.4581	385.7685	3.3661	0.3122	0.5337	366.16	0.2214	278.3	16.24	0.6709	25.539	376.000
378.000	39.3717	308.0924	386.8359	3.3689	0.3122	0.5334	367.14	0.2223	279.5	16.41	0.6707	25.399	378.000
380.000	39.5834	308.7357	387.9025	3.3719	0.3122	0.5334	368.12	0.2231	280.6	16.56	0.6709	25.263	380.000
382.000	39.7974	309.3744	388.9691	3.3746	0.3122	0.5332	369.10	0.2240	281.7	16.72	0.6705	25.127	382.000
384.000	40.0137	310.0080	390.0353	3.3774	0.3122	0.5329	370.07	0.2249	282.9	16.89	0.6704	24.991	384.000
386.000	40.2258	310.6497	391.1014	3.3801	0.3122	0.5329	371.04	0.2258	284.0	17.04	0.6703	24.860	386.000
388.000	40.4403	311.2865	392.1671	3.3829	0.3122	0.5327	372.00	0.2266	285.2	17.20	0.6704	24.728	388.000
390.000	40.6570	311.9183	393.2324	3.3857	0.3122	0.5327	372.97	0.2275	286.3	17.36	0.6704	24.596	390.000
392.000	40.8695	312.5587	394.2976	3.3884	0.3122	0.5324	373.93	0.2284	287.4	17.53	0.6700	24.468	392.000
394.000	41.0841	313.1942	395.3625	3.3912	0.3122	0.5324	374.88	0.2292	288.5	17.69	0.6702	24.340	394.000
396.000	41.2942	313.8387	396.4271	3.3937	0.3122	0.5322	375.84	0.2301	289.7	17.85	0.6700	24.216	396.000
398.000	41.5133	314.4648	397.4915	3.3964	0.3122	0.5322	376.79	0.2309	290.8	18.01	0.6703	24.089	398.000
400.000	41.7289	315.1138	398.5556	3.3992	0.3122	0.5319	377.74	0.2318	291.9	18.18	0.6699	23.969	400.000

THERMODYNAMIC PROPERTIES OF ARGON

25.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
86.000	0.7092	71.5397	73.8120	1.3347	0.8466	1.3852	659.84	1.3224	2781.2	0.72	2.7450	1409.945	86.000
87.000	0.7123	72.8249	74.8057	1.3495	0.8098	1.2782	665.86	1.3042	2698.3	0.73	2.6403	1403.817	87.000
88.000	0.7155	74.0782	75.8669	1.3640	0.7778	1.2516	671.63	1.2865	2619.2	0.74	2.5482	1397.681	88.000
89.000	0.7186	75.3117	77.1082	1.3780	0.7477	1.2308	675.53	1.2694	2543.9	0.74	2.4666	1391.537	89.000
90.000	0.7218	76.5276	78.3316	1.3916	0.7217	1.2136	679.12	1.2527	2471.7	0.75	2.3945	1385.357	90.000
91.000	0.7251	77.7247	79.5374	1.4051	0.6982	1.1991	682.12	1.2364	2402.7	0.75	2.3301	1379.165	91.000
92.000	0.7284	78.9060	80.7289	1.4181	0.6771	1.1873	684.33	1.2205	2336.4	0.75	2.2728	1372.925	92.000
93.000	0.7317	80.0847	81.9148	1.4309	0.6584	1.1775	685.82	1.2049	2272.7	0.75	2.2211	1366.641	93.000
94.000	0.7351	81.2477	83.0955	1.4434	0.6413	1.1700	686.78	1.1897	2211.6	0.75	2.1750	1360.329	94.000
95.000	0.7386	82.4076	84.2540	1.4556	0.6261	1.1643	687.06	1.1747	2152.7	0.75	2.1336	1353.958	95.000
96.000	0.7421	83.5663	85.4155	1.4679	0.6123	1.1600	686.78	1.1600	2095.9	0.74	2.0959	1347.534	96.000
97.000	0.7457	84.7068	86.5738	1.4799	0.5998	1.1570	685.98	1.1456	2041.2	0.74	2.0615	1341.063	97.000
98.000	0.7493	85.8552	87.7285	1.4917	0.5885	1.1553	684.61	1.1314	1988.3	0.73	2.0302	1334.519	98.000
99.000	0.7531	87.0024	88.8858	1.5035	0.5783	1.1545	682.76	1.1174	1937.2	0.73	2.0015	1327.916	99.000
100.000	0.7569	88.1472	90.0393	1.5150	0.5690	1.1548	680.52	1.1036	1887.8	0.72	1.9753	1321.256	100.000
101.000	0.7607	89.2982	91.1951	1.5265	0.5605	1.1558	677.83	1.0900	1840.0	0.72	1.9510	1314.525	101.000
102.000	0.7647	90.4396	92.3513	1.5380	0.5527	1.1575	674.80	1.0765	1793.7	0.71	1.9287	1307.730	102.000
103.000	0.7687	91.5885	93.5103	1.5493	0.5455	1.1600	671.36	1.0632	1748.9	0.70	1.9081	1300.863	103.000
104.000	0.7728	92.7388	94.6701	1.5605	0.5390	1.1633	667.64	1.0501	1705.4	0.70	1.8892	1293.932	104.000
105.000	0.7771	93.8932	95.8358	1.5715	0.5329	1.1670	663.56	1.0371	1663.2	0.69	1.8715	1286.917	105.000
106.000	0.7814	95.0515	97.0049	1.5826	0.5274	1.1713	659.19	1.0242	1622.3	0.68	1.8553	1279.822	106.000
107.000	0.7858	96.2145	98.1789	1.5936	0.5224	1.1758	654.55	1.0114	1582.5	0.68	1.8397	1272.659	107.000
108.000	0.7903	97.3826	99.3577	1.6046	0.5177	1.1813	649.64	0.9988	1543.8	0.67	1.8259	1265.409	108.000
109.000	0.7949	98.5558	100.5422	1.6156	0.5132	1.1878	644.41	0.9862	1506.2	0.66	1.8129	1258.058	109.000
110.000	0.7996	99.7333	101.7322	1.6264	0.5092	1.1931	639.02	0.9738	1469.6	0.65	1.8005	1250.648	110.000
111.000	0.8044	100.9165	102.9276	1.6374	0.5054	1.1998	633.32	0.9613	1433.9	0.64	1.7897	1243.126	111.000
112.000	0.8094	102.1092	104.1326	1.6481	0.5019	1.2073	627.37	0.9490	1399.2	0.64	1.7801	1235.512	112.000
113.000	0.8145	103.3063	105.3424	1.6589	0.4986	1.2151	621.23	0.9368	1365.4	0.63	1.7716	1227.802	113.000
114.000	0.8197	104.5121	106.5613	1.6697	0.4956	1.2233	614.78	0.9245	1332.3	0.62	1.7638	1219.972	114.000
115.000	0.8251	105.7267	107.7894	1.6804	0.4929	1.2324	608.13	0.9123	1300.0	0.61	1.7561	1212.038	115.000
116.000	0.8306	106.9503	109.0267	1.6909	0.4901	1.2421	601.25	0.9002	1268.5	0.60	1.7503	1203.989	116.000
117.000	0.8363	108.1838	110.2736	1.7017	0.4879	1.2526	594.07	0.8881	1237.6	0.59	1.7456	1195.803	117.000
118.000	0.8421	109.4267	111.5328	1.7125	0.4859	1.2636	586.66	0.8759	1207.4	0.58	1.7419	1187.494	118.000
119.000	0.8481	110.6815	112.8019	1.7232	0.4839	1.2759	579.01	0.8638	1177.8	0.57	1.7397	1179.037	119.000
120.000	0.8544	111.9476	114.0836	1.7340	0.4821	1.2892	571.06	0.8517	1148.8	0.56	1.7389	1170.428	120.000
121.000	0.8608	113.2286	115.3807	1.7448	0.4806	1.3034	562.83	0.8395	1120.3	0.55	1.7394	1161.648	121.000
122.000	0.8675	114.5224	116.6912	1.7555	0.4791	1.3190	554.33	0.8273	1092.3	0.54	1.7415	1152.700	122.000
123.000	0.8745	115.8327	118.0189	1.7663	0.4781	1.3360	545.56	0.8150	1064.7	0.53	1.7453	1143.543	123.000
124.000	0.8817	117.1597	119.3639	1.7771	0.4771	1.3545	536.39	0.8027	1037.6	0.52	1.7509	1134.184	124.000
125.000	0.8892	118.5039	120.7269	1.7881	0.4766	1.3750	526.92	0.7903	1010.8	0.51	1.7587	1124.592	125.000
126.000	0.8971	119.8721	122.1147	1.7991	0.4761	1.3976	517.08	0.7778	984.3	0.50	1.7686	1114.733	126.000
127.000	0.9053	121.2611	123.5243	1.8104	0.4759	1.4226	506.89	0.7651	958.1	0.49	1.7815	1104.598	127.000
128.000	0.9140	122.6766	124.9614	1.8218	0.4761	1.4506	496.29	0.7523	932.0	0.47	1.7971	1094.144	128.000
129.000	0.9231	124.1197	126.4274	1.8329	0.4764	1.4819	485.26	0.7393	906.2	0.46	1.8165	1083.346	129.000
130.000	0.9327	125.5935	127.9253	1.8446	0.4771	1.5175	473.78	0.7261	880.5	0.45	1.8402	1072.162	130.000

THERMODYNAMIC PROPERTIES OF ARGON

25.0 BAR ISOBAR

	TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
	131.000	0.9438	127.1651	129.4625	1.8564	0.4781	1.5578	461.77	0.7126	854.7	0.43	1.8684	1060.496	131.000
	132.000	0.9539	128.0591	131.0439	1.8684	0.4796	1.6043	449.19	0.6998	828.9	0.42	1.9025	1048.319	132.000
	133.000	0.9657	130.2605	132.6747	1.8807	0.4816	1.6587	436.86	0.6856	802.9	0.40	1.9441	1035.548	133.000
	134.000	0.9784	131.9174	134.3834	1.8932	0.4841	1.7225	422.11	0.6707	776.7	0.38	1.9947	1022.074	134.000
•	134.530	0.9857	132.8326	135.2969	1.9002	0.4856	1.7628	414.31	0.6628	762.5	0.37	2.0271	1014.503	134.530
•	134.530	7.5659	216.1754	235.0981	2.6412	0.4689	1.4912	181.33	0.1367	127.8	0.69	1.3941	132.172	134.530
	135.000	7.6573	216.6187	235.7820	2.6462	0.4644	1.4464	182.43	0.1361	127.9	0.72	1.3692	130.594	135.000
	136.000	7.8519	217.5354	237.1656	2.6567	0.4553	1.3620	184.72	0.1350	128.1	0.78	1.2924	127.358	136.000
	137.000	8.0374	218.3978	238.4985	2.6662	0.4471	1.2917	186.88	0.1341	128.5	0.83	1.2377	124.418	137.000
	138.000	8.2152	219.2137	239.7617	2.6755	0.4396	1.2321	188.96	0.1333	128.8	0.89	1.1965	121.726	138.000
	139.000	8.3867	219.9988	240.9575	2.6842	0.4328	1.1818	190.93	0.1327	129.2	0.94	1.1499	119.237	139.000
	140.000	8.5523	220.7348	242.1165	2.6925	0.4263	1.1386	192.83	0.1321	129.6	0.99	1.1158	116.928	140.000
	141.000	8.7130	221.4494	243.2319	2.7005	0.4205	1.0972	194.67	0.1317	130.1	1.05	1.0838	114.771	141.000
	142.000	8.8692	222.1385	244.3116	2.7080	0.4150	1.0624	196.44	0.1313	130.6	1.10	1.0567	112.749	142.000
	143.000	9.0214	222.8045	245.3579	2.7155	0.4100	1.0313	198.16	0.1310	131.1	1.15	1.0321	110.848	143.000
	144.000	9.1701	223.4495	246.3748	2.7225	0.4053	1.0033	199.82	0.1307	131.6	1.19	1.0102	109.058	144.000
	145.000	9.3158	224.0755	247.3651	2.7293	0.4008	0.9780	201.44	0.1305	132.1	1.24	0.9900	107.344	145.000
	146.000	9.4584	224.6856	248.3316	2.7361	0.3968	0.9556	203.02	0.1303	132.6	1.29	0.9718	105.726	146.000
	147.000	9.5984	225.2799	249.2758	2.7426	0.3928	0.9348	204.56	0.1301	133.2	1.34	0.9552	104.184	147.000
	148.000	9.7361	225.8597	250.2000	2.7488	0.3893	0.9147	206.06	0.1300	133.8	1.38	0.9414	102.710	148.000
	149.000	9.8713	226.4270	251.1052	2.7548	0.3858	0.8969	207.52	0.1299	134.3	1.43	0.9273	101.304	149.000
	150.000	10.0046	226.9825	251.9941	2.7606	0.3825	0.8804	208.96	0.1299	134.9	1.48	0.9143	99.954	150.000
	151.000	10.1359	227.5270	252.8667	2.7666	0.3795	0.8651	210.36	0.1299	135.5	1.52	0.9024	98.660	151.000
	152.000	10.2656	228.0605	253.7243	2.7721	0.3767	0.8511	211.74	0.1299	136.1	1.57	0.8917	97.413	152.000
	153.000	10.3934	228.5851	254.5687	2.7779	0.3740	0.8378	213.09	0.1299	136.7	1.61	0.8817	96.215	153.000
	154.000	10.5196	229.1012	255.4003	2.7831	0.3715	0.8256	214.41	0.1299	137.3	1.66	0.8726	95.060	154.000
	155.000	10.6444	229.6087	256.2198	2.7884	0.3690	0.8141	215.71	0.1300	137.9	1.70	0.8635	93.946	155.000
	156.000	10.7681	230.1079	257.0281	2.7936	0.3667	0.8030	216.99	0.1301	138.6	1.74	0.8555	92.867	156.000
	157.000	10.8903	230.6003	257.8261	2.7989	0.3645	0.7930	218.25	0.1302	139.2	1.79	0.8478	91.824	157.000
	158.000	11.0111	231.0865	258.6142	2.8039	0.3625	0.7835	219.49	0.1303	139.8	1.83	0.8406	90.818	158.000
	159.000	11.1310	231.5664	259.3930	2.8087	0.3605	0.7745	220.70	0.1304	140.5	1.87	0.8345	89.839	159.000
	160.000	11.2496	232.0398	260.1630	2.8134	0.3585	0.7660	221.90	0.1306	141.1	1.92	0.8276	88.892	160.000
	161.000	11.3671	232.5068	260.9244	2.8182	0.3567	0.7577	223.08	0.1307	141.7	1.96	0.8215	87.973	161.000
	162.000	11.4839	232.9688	261.6784	2.8229	0.3550	0.7502	224.25	0.1309	142.4	2.00	0.8161	87.079	162.000
	163.000	11.5999	233.4257	262.4254	2.8274	0.3535	0.7430	225.40	0.1311	143.0	2.05	0.8104	86.208	163.000
	164.000	11.7144	233.8788	263.1649	2.8319	0.3520	0.7362	226.53	0.1313	143.7	2.09	0.8057	85.365	164.000
	165.000	11.8284	234.3262	263.8973	2.8364	0.3505	0.7297	227.65	0.1315	144.3	2.13	0.8007	84.542	165.000
	166.000	11.9419	234.7693	264.6248	2.8409	0.3490	0.7234	228.76	0.1317	145.0	2.17	0.7965	83.739	166.000
	167.000	12.0548	235.2094	265.3445	2.8452	0.3477	0.7174	229.85	0.1319	145.7	2.22	0.7925	82.960	167.000
	168.000	12.1669	235.6439	266.0586	2.8496	0.3462	0.7119	230.92	0.1321	146.3	2.26	0.7885	82.197	168.000
	169.000	12.2769	236.0759	266.7686	2.8537	0.3449	0.7064	231.99	0.1324	147.0	2.30	0.7843	81.454	169.000
	170.000	12.3874	236.5034	267.4728	2.8577	0.3439	0.7014	233.04	0.1326	147.7	2.34	0.7813	80.727	170.000
	171.000	12.4969	236.9286	268.1768	2.8620	0.3427	0.6964	234.08	0.1329	148.3	2.38	0.7771	80.020	171.000
	172.000	12.6064	237.3488	268.8648	2.8660	0.3417	0.6919	235.11	0.1332	149.0	2.43	0.7740	79.325	172.000
	173.000	12.7146	237.7679	269.5544	2.8700	0.3407	0.6874	236.13	0.1334	149.7	2.47	0.7714	78.650	173.000

THERMODYNAMIC PROPERTIES OF ARGON

25.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
174.000	12.8227	238.1827	270.2396	2.8746	0.3397	0.6831	237.14	0.1337	150.3	2.61	0.7680	77.986	174.000
175.000	12.9360	238.5956	270.9267	2.8777	0.3387	0.6789	238.14	0.1340	151.0	2.65	0.7650	77.339	175.000
176.000	13.0371	239.0048	271.5976	2.8807	0.3377	0.6749	239.13	0.1343	151.7	2.69	0.7623	76.704	176.000
177.000	13.1432	239.4124	272.2704	2.8835	0.3369	0.6711	240.11	0.1346	152.4	2.64	0.7599	76.085	177.000
178.000	13.2489	239.8178	272.9393	2.8863	0.3359	0.6676	241.08	0.1349	153.0	2.68	0.7572	75.478	178.000
179.000	13.3550	240.2198	273.6054	2.8930	0.3352	0.6641	242.04	0.1352	153.7	2.72	0.7550	74.879	179.000
180.000	13.4598	240.6188	274.2675	2.8968	0.3344	0.6606	242.99	0.1356	154.4	2.76	0.7522	74.295	180.000
181.000	13.5641	241.0164	274.9268	2.9003	0.3337	0.6574	243.93	0.1359	155.1	2.80	0.7502	73.724	181.000
182.000	13.6685	241.4109	275.5822	2.9040	0.3329	0.6544	244.87	0.1362	155.7	2.85	0.7480	73.161	182.000
183.000	13.7723	241.8043	276.2351	2.9075	0.3322	0.6513	245.80	0.1366	156.4	2.89	0.7458	72.609	183.000
184.000	13.8754	242.1963	276.8847	2.9110	0.3317	0.6483	246.72	0.1369	157.1	2.93	0.7440	72.070	184.000
185.000	13.9784	242.5867	277.5318	2.9145	0.3309	0.6456	247.63	0.1373	157.8	2.97	0.7420	71.539	185.000
186.000	14.0806	242.9743	278.1759	2.9180	0.3304	0.6428	248.53	0.1376	158.5	3.01	0.7405	71.020	186.000
187.000	14.1827	243.3601	278.8170	2.9215	0.3297	0.6403	249.43	0.1380	159.2	3.06	0.7387	70.508	187.000
188.000	14.2847	243.7445	279.4563	2.9248	0.3292	0.6378	250.32	0.1384	159.8	3.10	0.7365	70.005	188.000
189.000	14.3865	244.1263	280.0926	2.9283	0.3287	0.6353	251.21	0.1387	160.5	3.14	0.7352	69.510	189.000
190.000	14.4873	244.5085	280.7267	2.9316	0.3282	0.6328	252.08	0.1391	161.2	3.18	0.7334	69.026	190.000
191.000	14.5886	244.8878	281.3585	2.9348	0.3277	0.6306	252.96	0.1395	161.9	3.23	0.7318	68.547	191.000
192.000	14.6887	245.2662	281.9881	2.9383	0.3272	0.6286	253.82	0.1399	162.6	3.27	0.7306	68.079	192.000
193.000	14.7894	245.6419	282.6154	2.9416	0.3267	0.6263	254.68	0.1403	163.3	3.31	0.7296	67.616	193.000
194.000	14.8897	246.0165	283.2407	2.9448	0.3262	0.6243	255.53	0.1407	163.9	3.36	0.7273	67.161	194.000
195.000	14.9895	246.3899	283.8638	2.9478	0.3257	0.6223	256.38	0.1411	164.6	3.40	0.7268	66.713	195.000
196.000	15.0889	246.7627	284.4851	2.9511	0.3252	0.6203	257.22	0.1415	165.3	3.44	0.7246	66.274	196.000
197.000	15.1878	247.1349	285.1044	2.9543	0.3249	0.6186	258.06	0.1419	166.0	3.48	0.7236	65.842	197.000
198.000	15.2870	247.5043	285.7219	2.9573	0.3244	0.6166	258.89	0.1423	166.7	3.53	0.7223	65.416	198.000
199.000	15.3857	247.8735	286.3377	2.9603	0.3242	0.6148	259.72	0.1427	167.4	3.57	0.7212	64.995	199.000
200.000	15.4837	248.2419	286.9518	2.9636	0.3237	0.6130	260.54	0.1431	168.0	3.61	0.7197	64.584	200.000
202.000	15.6875	248.9866	288.1794	2.9696	0.3229	0.6098	262.16	0.1439	169.4	3.70	0.7179	63.745	202.000
204.000	15.8836	249.6867	289.3957	2.9756	0.3224	0.6068	263.77	0.1448	170.8	3.79	0.7157	62.958	204.000
206.000	16.0785	250.4101	290.6003	2.9816	0.3217	0.6038	265.36	0.1456	172.1	3.88	0.7137	62.195	206.000
208.000	16.2718	251.1316	291.8111	2.9874	0.3212	0.6010	266.93	0.1465	173.5	3.97	0.7118	61.456	208.000
210.000	16.4644	251.8493	293.0164	2.9931	0.3207	0.5985	268.48	0.1473	174.9	4.06	0.7107	60.737	210.000
212.000	16.6573	252.5615	294.2047	2.9989	0.3202	0.5960	270.02	0.1482	176.2	4.14	0.7086	60.034	212.000
214.000	16.8496	253.2718	295.3943	3.0044	0.3197	0.5935	271.54	0.1491	177.6	4.23	0.7070	59.351	214.000
216.000	17.0394	253.9809	296.5793	3.0099	0.3192	0.5913	273.05	0.1500	179.0	4.32	0.7056	58.688	216.000
218.000	17.2294	254.6864	297.7598	3.0154	0.3189	0.5893	274.54	0.1509	180.3	4.41	0.7041	58.040	218.000
220.000	17.4200	255.3884	298.9364	3.0207	0.3184	0.5873	276.02	0.1518	181.7	4.50	0.7029	57.405	220.000
222.000	17.6087	256.0909	300.1086	3.0259	0.3182	0.5853	277.48	0.1527	183.0	4.59	0.7014	56.790	222.000
224.000	17.7978	256.7936	301.2774	3.0312	0.3177	0.5835	278.93	0.1536	184.4	4.68	0.7005	56.187	224.000
226.000	17.9857	257.4781	302.4424	3.0364	0.3174	0.5818	280.37	0.1545	185.7	4.78	0.6992	55.600	226.000
228.000	18.1724	258.1736	303.6042	3.0417	0.3172	0.5800	281.80	0.1554	187.1	4.87	0.6983	55.028	228.000
230.000	18.3604	258.8618	304.7627	3.0467	0.3169	0.5785	283.21	0.1564	188.4	4.96	0.6969	54.465	230.000
232.000	18.5467	259.5511	305.9179	3.0517	0.3167	0.5770	284.62	0.1573	189.8	5.06	0.6962	53.918	232.000
234.000	18.7327	260.2383	307.0702	3.0565	0.3164	0.5755	286.01	0.1582	191.1	5.15	0.6952	53.383	234.000
236.000	18.9182	260.9242	308.2197	3.0615	0.3162	0.5740	287.39	0.1591	192.4	5.24	0.6941	52.859	236.000

THERMODYNAMIC PROPERTIES OF ARGON

25.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
238.000	19.1836	261.6898	309.3664	3.0662	0.3159	0.5727	288.76	0.1601	193.8	5.34	0.6933	52.348	238.000
240.000	19.2884	262.2898	310.5167	3.0710	0.3157	0.5715	290.12	0.1610	195.1	5.43	0.6925	51.845	240.000
242.000	19.4736	262.9694	311.6519	3.0757	0.3154	0.5702	291.47	0.1619	196.5	5.53	0.6921	51.353	242.000
244.000	19.6585	263.6581	312.7914	3.0805	0.3152	0.5690	292.81	0.1628	197.8	5.62	0.6913	50.874	244.000
246.000	19.8433	264.3273	313.9281	3.0853	0.3152	0.5677	294.14	0.1638	199.1	5.72	0.6901	50.402	246.000
248.000	20.0228	265.0055	315.0626	3.0898	0.3149	0.5667	295.46	0.1647	200.4	5.82	0.6896	49.943	248.000
250.000	20.2071	265.6773	316.1950	3.0943	0.3147	0.5657	296.78	0.1656	201.8	5.91	0.6894	49.488	250.000
252.000	20.3898	266.3586	317.3253	3.0988	0.3147	0.5647	298.08	0.1666	203.1	6.02	0.6885	49.044	252.000
254.000	20.5707	267.0269	318.4537	3.1033	0.3144	0.5637	299.37	0.1675	204.4	6.11	0.6879	48.613	254.000
256.000	20.7532	267.6971	319.5802	3.1078	0.3144	0.5627	300.66	0.1684	205.7	6.21	0.6874	48.185	256.000
258.000	20.9355	268.3662	320.7049	3.1123	0.3142	0.5620	301.94	0.1694	207.0	6.31	0.6867	47.766	258.000
260.000	21.1174	269.0341	321.8276	3.1168	0.3142	0.5610	303.21	0.1703	208.3	6.41	0.6862	47.354	260.000
262.000	21.2978	269.7062	322.9486	3.1208	0.3139	0.5602	304.48	0.1712	209.6	6.51	0.6859	46.955	262.000
264.000	21.4779	270.3734	324.0683	3.1251	0.3139	0.5592	305.73	0.1722	210.9	6.61	0.6849	46.559	264.000
266.000	21.6601	271.0358	325.1866	3.1291	0.3139	0.5585	306.98	0.1731	212.2	6.71	0.6846	46.168	266.000
268.000	21.8396	271.7034	326.3024	3.1333	0.3137	0.5577	308.22	0.1740	213.5	6.81	0.6843	45.788	268.000
270.000	22.0202	272.3667	327.4171	3.1376	0.3137	0.5570	309.46	0.1750	214.8	6.92	0.6838	45.413	270.000
272.000	22.1998	273.0318	328.5306	3.1416	0.3134	0.5562	310.68	0.1759	216.1	7.02	0.6833	45.045	272.000
274.000	22.3785	273.6964	329.6425	3.1456	0.3134	0.5557	311.90	0.1768	217.4	7.12	0.6833	44.686	274.000
276.000	22.5579	274.3584	330.7532	3.1496	0.3134	0.5550	313.12	0.1778	218.7	7.23	0.6826	44.330	276.000
278.000	22.7383	275.0168	331.8624	3.1536	0.3134	0.5542	314.32	0.1787	220.0	7.33	0.6823	43.979	278.000
280.000	22.9173	275.6772	332.9703	3.1576	0.3132	0.5537	315.53	0.1796	221.2	7.43	0.6820	43.635	280.000
282.000	23.0949	276.3398	334.0770	3.1616	0.3132	0.5532	316.72	0.1806	222.5	7.54	0.6816	43.300	282.000
284.000	23.2753	276.9946	335.1827	3.1656	0.3132	0.5525	317.91	0.1815	223.8	7.65	0.6812	42.964	284.000
286.000	23.4519	277.6574	336.2872	3.1694	0.3132	0.5520	319.09	0.1824	225.0	7.75	0.6809	42.646	286.000
288.000	23.6312	278.3126	337.3906	3.1731	0.3129	0.5515	320.27	0.1834	226.3	7.86	0.6805	42.317	288.000
290.000	23.8068	278.9766	338.4925	3.1771	0.3129	0.5510	321.44	0.1843	227.6	7.96	0.6804	42.001	290.000
292.000	23.9867	279.6269	339.5937	3.1809	0.3129	0.5502	322.60	0.1852	228.8	8.07	0.6797	41.690	292.000
294.000	24.1650	280.2813	340.6939	3.1846	0.3129	0.5497	323.76	0.1861	230.1	8.18	0.6797	41.382	294.000
296.000	24.3413	280.9399	341.7931	3.1884	0.3129	0.5492	324.92	0.1871	231.3	8.29	0.6790	41.083	296.000
298.000	24.5201	281.5911	342.8912	3.1919	0.3129	0.5490	326.07	0.1880	232.6	8.40	0.6792	40.783	298.000
300.000	24.6967	282.2468	343.9884	3.1957	0.3127	0.5485	327.21	0.1889	233.8	8.51	0.6788	40.491	300.000
302.000	24.8734	282.9016	345.0848	3.1994	0.3127	0.5480	328.35	0.1898	235.1	8.62	0.6787	40.204	302.000
304.000	25.0501	283.5551	346.1803	3.2029	0.3127	0.5475	329.48	0.1907	236.3	8.73	0.6784	39.920	304.000
306.000	25.2268	284.2077	347.2747	3.2064	0.3127	0.5470	330.61	0.1917	237.6	8.84	0.6779	39.640	306.000
308.000	25.4034	284.8598	348.3684	3.2102	0.3127	0.5467	331.73	0.1926	238.8	8.95	0.6779	39.365	308.000
310.000	25.5800	285.5114	349.4613	3.2137	0.3127	0.5462	332.85	0.1935	240.0	9.06	0.6775	39.093	310.000
312.000	25.7563	286.1625	350.5532	3.2172	0.3127	0.5458	333.96	0.1944	241.3	9.17	0.6777	38.825	312.000
314.000	25.9324	286.8130	351.6445	3.2207	0.3124	0.5455	335.07	0.1953	242.5	9.29	0.6773	38.562	314.000
316.000	26.1082	287.4645	352.7350	3.2242	0.3124	0.5450	336.17	0.1962	243.7	9.40	0.6769	38.302	316.000
318.000	26.2836	288.1156	353.8247	3.2274	0.3124	0.5447	337.27	0.1971	244.9	9.51	0.6768	38.046	318.000
320.000	26.4587	288.7672	354.9138	3.2310	0.3124	0.5445	338.36	0.1981	246.2	9.63	0.6767	37.795	320.000
322.000	26.6336	289.4126	356.0020	3.2342	0.3124	0.5440	339.45	0.1990	247.4	9.74	0.6763	37.543	322.000
324.000	26.8080	290.0648	357.0896	3.2377	0.3124	0.5437	340.54	0.1999	248.6	9.86	0.6762	37.299	324.000
326.000	26.9824	290.7116	358.1765	3.2410	0.3124	0.5435	341.62	0.2008	249.8	9.97	0.6761	37.056	326.000

THERMODYNAMIC PROPERTIES OF ARGON

25.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
328.000	27.1628	291.3579	359.2638	3.2445	0.3124	0.5438	342.78	0.2017	251.6	10.69	0.6757	36.816	328.000
330.000	27.3371	292.0063	360.3489	3.2477	0.3124	0.5427	343.77	0.2026	252.2	10.21	0.6756	36.588	330.000
332.000	27.5113	292.6555	361.4338	3.2510	0.3124	0.5425	344.84	0.2035	253.4	10.32	0.6755	36.349	332.000
334.000	27.6847	293.3064	362.5182	3.2542	0.3124	0.5420	345.90	0.2044	254.6	10.44	0.6751	36.121	334.000
336.000	27.8584	293.9512	363.6022	3.2575	0.3124	0.5417	346.96	0.2053	255.8	10.56	0.6750	35.893	336.000
338.000	28.0351	294.5978	364.6858	3.2607	0.3124	0.5415	348.02	0.2062	257.0	10.68	0.6748	35.670	338.000
340.000	28.2089	295.2461	365.7682	3.2637	0.3124	0.5412	349.07	0.2071	258.2	10.79	0.6747	35.458	340.000
342.000	28.3848	295.8884	366.8504	3.2670	0.3124	0.5410	350.12	0.2080	259.4	10.91	0.6746	35.230	342.000
344.000	28.5597	296.5326	367.9318	3.2703	0.3122	0.5407	351.16	0.2089	260.6	11.03	0.6745	35.014	344.000
346.000	28.7334	297.1794	369.0129	3.2733	0.3122	0.5405	352.20	0.2098	261.8	11.15	0.6744	34.803	346.000
348.000	28.9059	297.8287	370.0936	3.2765	0.3122	0.5402	353.24	0.2107	262.9	11.27	0.6746	34.595	348.000
350.000	29.0806	298.4721	371.1735	3.2795	0.3122	0.5400	354.27	0.2115	264.1	11.39	0.6742	34.387	350.000
352.000	29.2539	299.1182	372.2529	3.2825	0.3122	0.5397	355.30	0.2124	265.3	11.51	0.6741	34.184	352.000
354.000	29.4293	299.7589	373.3321	3.2855	0.3122	0.5396	356.33	0.2133	266.5	11.64	0.6740	33.988	354.000
356.000	29.6033	300.4022	374.4105	3.2888	0.3122	0.5392	357.35	0.2142	267.6	11.76	0.6736	33.788	356.000
358.000	29.7758	301.0498	375.4886	3.2918	0.3122	0.5390	358.37	0.2151	268.8	11.88	0.6735	33.584	358.000
360.000	29.9504	301.6983	376.5663	3.2948	0.3122	0.5387	359.39	0.2160	270.0	12.01	0.6734	33.389	360.000
362.000	30.1234	302.3349	377.6434	3.2975	0.3122	0.5384	360.40	0.2168	271.1	12.13	0.6733	33.197	362.000
364.000	30.2947	302.9835	378.7203	3.3005	0.3122	0.5382	361.41	0.2177	272.3	12.25	0.6732	33.009	364.000
366.000	30.4680	303.6264	379.7965	3.3035	0.3122	0.5379	362.41	0.2186	273.4	12.38	0.6728	32.821	366.000
368.000	30.6433	304.2648	380.8724	3.3065	0.3122	0.5379	363.41	0.2195	274.6	12.50	0.6730	32.634	368.000
370.000	30.8169	304.9058	381.9480	3.3093	0.3122	0.5377	364.41	0.2203	275.7	12.63	0.6729	32.458	370.000
372.000	30.9885	305.5516	383.0229	3.3123	0.3122	0.5374	365.41	0.2212	276.9	12.75	0.6728	32.278	372.000
374.000	31.1621	306.1922	384.0976	3.3153	0.3122	0.5372	366.40	0.2221	278.0	12.88	0.6724	32.098	374.000
376.000	31.3338	306.8375	385.1719	3.3181	0.3122	0.5369	367.39	0.2229	279.2	13.01	0.6726	31.914	376.000
378.000	31.5073	307.4776	386.2458	3.3208	0.3122	0.5369	368.37	0.2238	280.3	13.13	0.6725	31.739	378.000
380.000	31.6787	308.1224	387.3192	3.3238	0.3122	0.5367	369.36	0.2247	281.4	13.26	0.6721	31.567	380.000
382.000	31.8521	308.7622	388.3924	3.3266	0.3122	0.5364	370.34	0.2255	282.6	13.39	0.6723	31.395	382.000
384.000	32.0273	309.3978	389.4653	3.3293	0.3122	0.5362	371.31	0.2264	283.7	13.52	0.6719	31.223	384.000
386.000	32.2003	310.0368	390.5377	3.3321	0.3122	0.5362	372.29	0.2273	284.8	13.65	0.6718	31.056	386.000
388.000	32.3711	310.6819	391.6096	3.3348	0.3122	0.5359	373.26	0.2281	286.0	13.78	0.6720	30.892	388.000
390.000	32.5436	311.3224	392.6815	3.3376	0.3122	0.5357	374.22	0.2290	287.1	13.91	0.6716	30.728	390.000
392.000	32.7188	311.9578	393.7528	3.3403	0.3122	0.5357	375.19	0.2298	288.2	14.04	0.6718	30.564	392.000
394.000	32.8966	312.5989	394.8238	3.3431	0.3122	0.5354	376.15	0.2307	289.3	14.17	0.6715	30.404	394.000
396.000	33.0694	313.2463	395.8947	3.3458	0.3122	0.5352	377.11	0.2316	290.4	14.31	0.6711	30.249	396.000
398.000	33.2395	313.8888	396.9650	3.3486	0.3122	0.5352	378.07	0.2324	291.6	14.43	0.6715	30.093	398.000
400.000	33.4134	314.5266	398.0352	3.3511	0.3122	0.5349	379.02	0.2333	292.7	14.57	0.6711	29.937	400.000

THERMODYNAMIC PROPERTIES OF ARGON

30.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
86.000	0.7084	71.4102	73.5353	1.3330	0.8358	1.3042	672.03	1.3260	2797.9	0.72	2.7519	1411.690	86.000
87.000	0.7115	72.6926	74.8276	1.3488	0.8060	1.2749	677.62	1.3077	2714.3	0.73	2.6462	1405.558	87.000
88.000	0.7146	73.9432	76.0969	1.3625	0.7677	1.2501	682.58	1.2901	2634.9	0.74	2.5533	1399.458	88.000
89.000	0.7177	75.1739	77.3278	1.3763	0.7396	1.2291	686.88	1.2729	2559.2	0.74	2.4711	1393.338	89.000
90.000	0.7209	76.3854	78.5401	1.3901	0.7134	1.2116	690.88	1.2562	2486.5	0.75	2.3982	1387.154	90.000
91.000	0.7241	77.5788	79.7512	1.4033	0.6904	1.1968	692.83	1.2399	2417.2	0.75	2.3332	1380.990	91.000
92.000	0.7274	78.7666	80.9422	1.4163	0.6699	1.1848	694.76	1.2246	2350.5	0.75	2.2752	1374.771	92.000
93.000	0.7307	79.9361	82.1223	1.4291	0.6511	1.1753	696.18	1.2094	2286.7	0.75	2.2240	1368.535	93.000
94.000	0.7341	81.0966	83.2923	1.4416	0.6346	1.1673	696.87	1.1932	2225.3	0.75	2.1769	1362.247	94.000
95.000	0.7375	82.2445	84.4570	1.4539	0.6196	1.1615	696.91	1.1783	2166.1	0.75	2.1352	1355.907	95.000
96.000	0.7410	83.3933	85.6163	1.4662	0.6060	1.1568	696.48	1.1636	2109.2	0.75	2.0968	1349.531	96.000
97.000	0.7446	84.5391	86.7728	1.4782	0.5940	1.1537	695.42	1.1492	2054.2	0.74	2.0623	1343.080	97.000
98.000	0.7482	85.6798	87.9243	1.4899	0.5838	1.1517	693.91	1.1358	2001.2	0.74	2.0307	1336.592	98.000
99.000	0.7519	86.8266	89.0755	1.5017	0.5738	1.1518	691.96	1.1211	1950.8	0.73	2.0020	1330.037	99.000
100.000	0.7556	87.9684	90.2273	1.5132	0.5637	1.1516	689.52	1.1073	1900.4	0.73	1.9754	1323.421	100.000
101.000	0.7594	89.0997	91.3788	1.5247	0.5555	1.1517	686.73	1.0938	1852.5	0.72	1.9506	1316.746	101.000
102.000	0.7634	90.2406	92.5300	1.5360	0.5488	1.1535	683.57	1.0804	1806.2	0.71	1.9284	1310.011	102.000
103.000	0.7673	91.3836	93.6856	1.5473	0.5418	1.1558	680.02	1.0671	1761.2	0.71	1.9075	1303.196	103.000
104.000	0.7714	92.5276	94.8418	1.5585	0.5347	1.1588	676.22	1.0541	1717.7	0.70	1.8882	1296.325	104.000
105.000	0.7756	93.6768	96.0035	1.5695	0.5289	1.1628	672.03	1.0411	1675.4	0.69	1.8706	1289.374	105.000
106.000	0.7798	94.8266	97.1661	1.5806	0.5234	1.1666	667.61	1.0283	1634.4	0.69	1.8533	1282.347	106.000
107.000	0.7842	95.9829	98.3353	1.5916	0.5184	1.1708	662.91	1.0156	1594.6	0.68	1.8382	1275.256	107.000
108.000	0.7886	97.1418	99.5076	1.6023	0.5139	1.1755	657.94	1.0030	1555.9	0.67	1.8235	1268.077	108.000
109.000	0.7931	98.3067	100.6861	1.6133	0.5094	1.1810	652.77	0.9905	1518.2	0.67	1.8102	1260.827	109.000
110.000	0.7978	99.4769	101.8702	1.6241	0.5054	1.1868	647.38	0.9781	1481.6	0.66	1.7977	1253.484	110.000
111.000	0.8025	100.6519	103.0595	1.6349	0.5019	1.1933	641.63	0.9658	1446.0	0.65	1.7866	1246.054	111.000
112.000	0.8074	101.8343	104.2565	1.6456	0.4984	1.2001	635.72	0.9536	1411.2	0.64	1.7759	1238.536	112.000
113.000	0.8124	103.0229	105.4601	1.6564	0.4951	1.2078	629.56	0.9414	1377.4	0.63	1.7668	1230.914	113.000
114.000	0.8175	104.2198	106.6724	1.6669	0.4921	1.2153	623.21	0.9292	1344.3	0.63	1.7583	1223.188	114.000
115.000	0.8228	105.4236	107.8928	1.6777	0.4894	1.2238	616.62	0.9172	1312.1	0.62	1.7508	1215.376	115.000
116.000	0.8282	106.6363	109.1209	1.6882	0.4869	1.2329	609.82	0.9051	1280.6	0.61	1.7443	1207.448	116.000
117.000	0.8338	107.8569	110.3582	1.6990	0.4848	1.2428	602.77	0.8931	1249.8	0.60	1.7389	1199.391	117.000
118.000	0.8395	109.0872	111.6056	1.7095	0.4824	1.2531	595.50	0.8811	1219.7	0.59	1.7347	1191.218	118.000
119.000	0.8454	110.3288	112.8650	1.7202	0.4804	1.2644	587.99	0.8692	1190.2	0.58	1.7313	1182.908	119.000
120.000	0.8515	111.5815	114.1359	1.7307	0.4786	1.2767	580.22	0.8572	1161.3	0.57	1.7296	1174.451	120.000
121.000	0.8577	112.8463	115.4185	1.7415	0.4771	1.2899	572.21	0.8452	1133.0	0.56	1.7292	1165.859	121.000
122.000	0.8642	114.1215	116.7142	1.7520	0.4756	1.3042	563.93	0.8332	1105.1	0.55	1.7298	1157.094	122.000
123.000	0.8710	115.4138	118.0267	1.7628	0.4746	1.3197	555.37	0.8211	1077.8	0.54	1.7323	1148.146	123.000
124.000	0.8780	116.7205	119.3544	1.7736	0.4736	1.3367	546.52	0.8090	1050.8	0.53	1.7363	1139.009	124.000
125.000	0.8852	118.0435	120.6992	1.7843	0.4726	1.3550	537.45	0.7968	1024.3	0.52	1.7419	1129.670	125.000
126.000	0.8928	119.3873	122.0657	1.7953	0.4721	1.3755	527.93	0.7845	998.1	0.51	1.7501	1120.090	126.000
127.000	0.9007	120.7494	123.4515	1.8061	0.4719	1.3978	518.15	0.7721	972.2	0.50	1.7601	1110.271	127.000
128.000	0.9090	122.1349	124.8618	1.8174	0.4716	1.4226	508.08	0.7596	946.5	0.49	1.7726	1100.164	128.000
129.000	0.9176	123.5447	126.2977	1.8284	0.4719	1.4501	497.48	0.7469	921.1	0.47	1.7884	1089.750	129.000
130.000	0.9268	124.9837	127.7641	1.8396	0.4721	1.4809	486.54	0.7341	895.8	0.46	1.8071	1078.991	130.000

THERMODYNAMIC PROPERTIES OF ARGON

30.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
131.000	0.9365	126.4517	129.2618	1.8512	0.4729	1.5157	475.19	0.7211	870.7	0.45	1.8302	1067.850	131.000
132.000	0.9467	127.9564	130.7965	1.8629	0.4739	1.5550	463.36	0.7079	845.5	0.43	1.8573	1056.273	132.000
133.000	0.9577	129.4993	132.3723	1.8747	0.4754	1.6001	451.02	0.6945	820.4	0.42	1.8901	1044.261	133.000
134.000	0.9694	131.0909	133.9992	1.8870	0.4774	1.6524	438.09	0.6807	795.1	0.40	1.9301	1031.541	134.000
135.000	0.9821	132.7348	135.6811	1.8995	0.4796	1.7135	424.53	0.6668	769.5	0.38	1.9774	1018.215	135.000
136.000	0.9959	134.4424	137.4382	1.9125	0.4826	1.7866	410.21	0.6525	743.6	0.36	2.0388	1004.081	136.000
137.000	1.0111	136.2263	139.2598	1.9258	0.4861	1.8754	395.06	0.6378	717.1	0.34	2.1086	988.981	137.000
138.000	1.0281	138.1648	141.1883	1.9398	0.4906	1.9868	378.89	0.6229	689.9	0.32	2.2005	972.686	138.000
* 138.700	1.0412	139.4859	142.6096	1.9500	0.4946	2.0835	366.83	0.6122	670.2	0.31	2.2888	960.396	138.700
* 138.700	5.9959	213.3273	231.2847	2.5889	0.4914	1.9428	186.81	0.1586	137.8	0.49	1.6886	167.063	138.700
139.000	6.0472	213.7877	231.8494	2.5929	0.4876	1.8824	188.86	0.1577	137.7	0.51	1.6437	165.365	139.000
140.000	6.2469	214.9823	233.6438	2.6056	0.4756	1.7135	193.56	0.1548	137.5	0.56	1.5226	160.086	140.000
141.000	6.4325	216.9915	235.2889	2.6174	0.4654	1.5838	198.06	0.1524	137.4	0.62	1.4279	155.462	141.000
142.000	6.6070	216.9982	236.8191	2.6282	0.4558	1.4867	198.42	0.1505	137.5	0.67	1.3528	151.355	142.000
143.000	6.7725	217.9384	238.2568	2.6384	0.4476	1.3963	198.64	0.1489	137.6	0.72	1.2903	147.656	143.000
144.000	6.9306	218.8248	239.6157	2.6477	0.4401	1.3255	192.76	0.1475	137.8	0.77	1.2383	144.288	144.000
145.000	7.0823	219.6631	240.9102	2.6567	0.4331	1.2654	194.79	0.1463	138.1	0.82	1.1945	141.196	145.000
146.000	7.2286	220.4636	242.1493	2.6652	0.4266	1.2133	196.73	0.1453	138.4	0.87	1.1557	138.348	146.000
147.000	7.3701	221.2288	243.3391	2.6736	0.4208	1.1686	198.60	0.1444	138.7	0.91	1.1219	135.683	147.000
148.000	7.5074	221.9642	244.4868	2.6812	0.4153	1.1286	200.41	0.1437	139.1	0.96	1.0919	133.283	148.000
149.000	7.6412	222.6725	245.5966	2.6887	0.4103	1.0924	202.16	0.1430	139.4	1.00	1.0649	130.870	149.000
150.000	7.7714	223.3581	246.6724	2.6958	0.4055	1.0604	203.86	0.1424	139.9	1.04	1.0410	128.677	150.000
151.000	7.8987	224.0219	247.7188	2.7028	0.4010	1.0316	205.50	0.1419	140.3	1.09	1.0200	126.603	151.000
152.000	8.0233	224.6658	248.7356	2.7095	0.3970	1.0056	207.10	0.1414	140.8	1.13	1.0013	124.630	152.000
153.000	8.1454	225.2931	249.7294	2.7160	0.3933	0.9818	208.66	0.1410	141.2	1.17	0.9832	122.768	153.000
154.000	8.2654	225.9048	250.7001	2.7223	0.3895	0.9600	210.18	0.1407	141.7	1.21	0.9668	120.987	154.000
155.000	8.3836	226.5008	251.6499	2.7285	0.3863	0.9400	211.67	0.1404	142.2	1.25	0.9520	119.289	155.000
156.000	8.4999	227.0838	252.5803	2.7346	0.3830	0.9217	213.12	0.1401	142.7	1.29	0.9388	117.663	156.000
157.000	8.6129	227.6546	253.4933	2.7403	0.3800	0.9047	214.55	0.1399	143.3	1.33	0.9267	116.105	157.000
158.000	8.7255	228.2135	254.3900	2.7461	0.3770	0.8889	215.94	0.1397	143.8	1.37	0.9158	114.607	158.000
159.000	8.8364	228.7623	255.2713	2.7516	0.3742	0.8741	217.31	0.1396	144.4	1.41	0.9062	113.169	159.000
160.000	8.9458	229.3013	256.1382	2.7571	0.3717	0.8604	218.65	0.1395	144.9	1.45	0.8937	111.786	160.000
161.000	9.0537	229.8310	256.9921	2.7623	0.3695	0.8476	219.96	0.1394	145.5	1.49	0.8847	110.452	161.000
162.000	9.1604	230.3523	257.8334	2.7676	0.3670	0.8356	221.26	0.1393	146.1	1.53	0.8764	109.166	162.000
163.000	9.2662	230.8647	258.6632	2.7726	0.3650	0.8243	222.53	0.1393	146.6	1.57	0.8675	107.920	163.000
164.000	9.3706	231.3703	259.4821	2.7776	0.3627	0.8136	223.78	0.1392	147.2	1.60	0.8603	106.717	164.000
165.000	9.4741	231.8682	260.2906	2.7826	0.3607	0.8035	225.01	0.1392	147.8	1.64	0.8532	105.551	165.000
166.000	9.5763	232.3604	261.0894	2.7874	0.3590	0.7943	226.22	0.1393	148.4	1.68	0.8462	104.424	166.000
167.000	9.6778	232.8456	261.8789	2.7921	0.3572	0.7853	227.41	0.1393	149.0	1.72	0.8400	103.330	167.000
168.000	9.7783	233.3249	262.6599	2.7969	0.3555	0.7770	228.58	0.1394	149.6	1.75	0.8339	102.267	168.000
169.000	9.8783	233.7979	263.4327	2.8014	0.3540	0.7690	229.74	0.1394	150.2	1.79	0.8286	101.232	169.000
170.000	9.9771	234.2661	264.1974	2.8059	0.3522	0.7612	230.89	0.1395	150.8	1.83	0.8229	100.230	170.000
171.000	10.0751	234.7299	264.9552	2.8104	0.3507	0.7542	232.01	0.1396	151.5	1.86	0.8185	99.256	171.000
172.000	10.1725	235.1889	265.7064	2.8147	0.3495	0.7472	233.13	0.1397	152.1	1.90	0.8135	98.304	172.000
173.000	10.2693	235.6421	266.4501	2.8189	0.3480	0.7407	234.23	0.1399	152.7	1.94	0.8085	97.377	173.000

THERMODYNAMIC PROPERTIES OF ARGON

30.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
174.000	10.3650	236.0925	267.1876	2.8232	0.3467	0.7345	235.31	0.1468	153.3	1.98	0.8042	96.478	174.000
176.000	10.4607	236.5371	267.9193	2.8274	0.3454	0.7287	236.38	0.1462	154.0	2.01	0.8004	95.696	176.000
178.000	10.5551	236.9798	268.6458	2.8317	0.3442	0.7229	237.44	0.1464	154.6	2.05	0.7961	94.741	178.000
177.000	10.5494	237.4169	269.3651	2.8357	0.3432	0.7177	238.49	0.1465	155.2	2.08	0.7928	93.962	177.000
178.000	10.7431	237.8582	270.0796	2.8397	0.3422	0.7124	239.53	0.1467	155.9	2.12	0.7894	93.083	178.000
179.000	10.8361	238.2816	270.7966	2.8437	0.3409	0.7074	240.55	0.1469	156.5	2.16	0.7857	92.284	179.000
180.000	10.9284	238.7008	271.4949	2.8477	0.3399	0.7027	241.57	0.1412	157.2	2.20	0.7823	91.585	180.000
181.000	11.0208	239.1331	272.1963	2.8515	0.3392	0.6982	242.57	0.1414	157.8	2.23	0.7791	90.738	181.000
182.000	11.1122	239.5543	272.8918	2.8552	0.3382	0.6939	243.57	0.1416	158.4	2.27	0.7762	89.991	182.000
183.000	11.2033	239.9729	273.5826	2.8592	0.3372	0.6896	244.55	0.1419	159.1	2.31	0.7732	89.268	183.000
184.000	11.2937	240.3891	274.2703	2.8630	0.3364	0.6856	245.53	0.1421	159.7	2.34	0.7706	88.545	184.000
185.000	11.3841	240.8013	274.9537	2.8665	0.3357	0.6816	246.49	0.1424	160.4	2.38	0.7678	87.842	185.000
186.000	11.4739	241.2119	275.6335	2.8702	0.3349	0.6779	247.45	0.1427	161.0	2.42	0.7648	87.155	186.000
187.000	11.5629	241.6218	276.3097	2.8737	0.3342	0.6744	248.40	0.1430	161.7	2.45	0.7626	86.483	187.000
188.000	11.6523	242.0253	276.9821	2.8775	0.3334	0.6709	249.33	0.1433	162.4	2.49	0.7603	85.828	188.000
189.000	11.7408	242.4293	277.6517	2.8810	0.3327	0.6676	250.27	0.1436	163.0	2.53	0.7578	85.173	189.000
190.000	11.8296	242.8386	278.3176	2.8845	0.3319	0.6644	251.19	0.1439	163.7	2.56	0.7558	84.538	190.000
191.000	11.9169	243.2298	278.9804	2.8880	0.3314	0.6614	252.11	0.1442	164.3	2.60	0.7535	83.915	191.000
192.000	12.0043	243.6272	279.6408	2.8915	0.3307	0.6584	253.01	0.1445	165.0	2.63	0.7518	83.304	192.000
193.000	12.0918	244.0213	280.2969	2.8948	0.3302	0.6554	253.91	0.1448	165.6	2.67	0.7495	82.700	193.000
194.000	12.1783	244.4157	280.9507	2.8983	0.3297	0.6526	254.81	0.1451	166.3	2.71	0.7479	82.113	194.000
195.000	12.2654	244.8058	281.6021	2.9015	0.3289	0.6501	255.70	0.1455	167.0	2.75	0.7462	81.538	195.000
196.000	12.3514	245.1968	282.2509	2.9048	0.3284	0.6473	256.58	0.1458	167.6	2.78	0.7441	80.963	196.000
197.000	12.4373	245.5851	282.8970	2.9080	0.3279	0.6448	257.45	0.1462	168.3	2.82	0.7423	80.403	197.000
198.000	12.5232	245.9709	283.5403	2.9115	0.3274	0.6423	258.32	0.1465	168.9	2.86	0.7405	79.852	198.000
199.000	12.6089	246.3548	284.1817	2.9145	0.3269	0.6401	259.18	0.1469	169.6	2.89	0.7396	79.309	199.000
200.000	12.6948	246.7385	284.8205	2.9178	0.3264	0.6378	260.03	0.1473	170.3	2.93	0.7374	78.777	200.000
202.000	12.8689	247.4968	286.0967	2.9243	0.3257	0.6333	261.73	0.1480	171.6	3.01	0.7343	77.707	202.000
204.000	13.0378	248.2457	287.3598	2.9306	0.3249	0.6293	263.40	0.1487	172.9	3.08	0.7317	76.700	204.000
206.000	13.2056	248.9966	288.6134	2.9366	0.3242	0.6253	265.05	0.1495	174.2	3.16	0.7286	75.725	206.000
208.000	13.3728	249.7424	289.8668	2.9426	0.3234	0.6218	266.67	0.1503	175.6	3.23	0.7265	74.779	208.000
210.000	13.5384	250.4854	291.1096	2.9486	0.3227	0.6183	268.28	0.1511	176.9	3.31	0.7239	73.864	210.000
212.000	13.7037	251.2227	292.3338	2.9543	0.3222	0.6156	269.87	0.1519	178.2	3.38	0.7215	72.973	212.000
214.000	13.8684	251.9560	293.5614	2.9601	0.3214	0.6128	271.44	0.1527	179.6	3.46	0.7199	72.106	214.000
216.000	14.0325	252.6848	294.7822	2.9659	0.3209	0.6098	273.00	0.1535	180.9	3.54	0.7178	71.263	216.000
218.000	14.1958	253.4107	295.9975	2.9714	0.3204	0.6063	274.54	0.1544	182.2	3.62	0.7155	70.444	218.000
220.000	14.3585	254.1322	297.2076	2.9769	0.3199	0.6038	276.06	0.1552	183.5	3.69	0.7139	69.645	220.000
222.000	14.5208	254.8523	298.4124	2.9824	0.3194	0.6013	277.56	0.1561	184.9	3.77	0.7122	68.870	222.000
224.000	14.6818	255.5693	299.6122	2.9879	0.3192	0.5988	279.06	0.1569	186.2	3.85	0.7106	68.115	224.000
226.000	14.8428	256.2817	300.8078	2.9931	0.3187	0.5965	280.53	0.1578	187.5	3.93	0.7088	67.376	226.000
228.000	15.0021	256.9926	301.9988	2.9984	0.3184	0.5945	282.00	0.1586	188.8	4.00	0.7077	66.657	228.000
230.000	15.1628	257.6996	303.1856	3.0037	0.3179	0.5923	283.45	0.1595	190.2	4.08	0.7063	65.954	230.000
232.000	15.3217	258.4034	304.3684	3.0087	0.3177	0.5905	284.88	0.1604	191.5	4.16	0.7050	65.267	232.000
234.000	15.4799	259.1075	305.5472	3.0137	0.3174	0.5886	286.31	0.1612	192.8	4.24	0.7039	64.600	234.000
236.000	15.6385	259.8078	306.7225	3.0187	0.3172	0.5868	287.72	0.1621	194.1	4.32	0.7026	63.945	236.000

THERMODYNAMIC PROPERTIES OF ARGON

30.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
238.000	15.7964	260.5851	307.8943	3.0237	0.3167	0.5858	289.12	0.1638	195.4	4.40	0.7013	63.306	238.000
240.000	15.9534	261.2025	309.0628	3.0287	0.3164	0.5835	290.51	0.1639	196.7	4.48	0.7003	62.682	240.000
242.000	16.1105	261.8962	310.2278	3.0334	0.3162	0.5810	291.89	0.1648	198.1	4.56	0.6993	62.071	242.000
244.000	16.2665	262.5985	311.3900	3.0382	0.3162	0.5803	293.26	0.1657	199.4	4.65	0.6983	61.476	244.000
246.000	16.4234	263.2788	312.5490	3.0430	0.3159	0.5790	294.61	0.1666	200.7	4.73	0.6975	60.889	246.000
248.000	16.5789	263.9688	313.7056	3.0477	0.3157	0.5775	295.96	0.1675	202.0	4.81	0.6964	60.317	248.000
250.000	16.7341	264.6578	314.8593	3.0522	0.3154	0.5762	297.30	0.1684	203.3	4.89	0.6957	59.758	250.000
252.000	16.8899	265.3463	316.0100	3.0567	0.3152	0.5747	298.63	0.1693	204.6	4.98	0.6946	59.207	252.000
254.000	17.0446	266.0265	317.1585	3.0612	0.3152	0.5737	299.94	0.1702	205.9	5.06	0.6941	58.672	254.000
256.000	17.1986	266.7090	318.3048	3.0657	0.3149	0.5725	301.25	0.1711	207.2	5.14	0.6933	58.144	256.000
258.000	17.3536	267.3875	319.4483	3.0702	0.3147	0.5712	302.56	0.1720	208.5	5.23	0.6925	57.626	258.000
260.000	17.5085	268.0703	320.5898	3.0747	0.3147	0.5702	303.85	0.1729	209.8	5.31	0.6919	57.122	260.000
262.000	17.6629	268.7466	321.7292	3.0790	0.3144	0.5692	305.13	0.1738	211.0	5.39	0.6911	56.622	262.000
264.000	17.8142	269.4236	322.8662	3.0835	0.3144	0.5688	306.41	0.1747	212.3	5.48	0.6902	56.135	264.000
266.000	17.9677	270.0984	324.0014	3.0878	0.3142	0.5672	307.67	0.1756	213.6	5.56	0.6900	55.656	266.000
268.000	18.1198	270.7752	325.1347	3.0920	0.3142	0.5662	308.93	0.1765	214.9	5.65	0.6894	55.188	268.000
270.000	18.2719	271.4503	326.2661	3.0960	0.3139	0.5652	310.19	0.1774	216.2	5.73	0.6889	54.729	270.000
272.000	18.4252	272.1198	327.3956	3.1003	0.3139	0.5642	311.43	0.1783	217.4	5.82	0.6880	54.273	272.000
274.000	18.5778	272.7925	328.5236	3.1045	0.3139	0.5635	312.67	0.1792	218.7	5.91	0.6877	53.830	274.000
276.000	18.7285	273.4642	329.6498	3.1085	0.3137	0.5627	313.90	0.1801	220.0	5.99	0.6874	53.394	276.000
278.000	18.8797	274.1350	330.7740	3.1125	0.3137	0.5617	315.12	0.1810	221.3	6.08	0.6868	52.967	278.000
280.000	19.0318	274.8015	331.8969	3.1166	0.3137	0.5610	316.34	0.1819	222.5	6.17	0.6862	52.544	280.000
282.000	19.1826	275.4723	333.0184	3.1206	0.3134	0.5602	317.55	0.1828	223.8	6.26	0.6859	52.132	282.000
284.000	19.3331	276.1387	334.1381	3.1246	0.3134	0.5595	318.75	0.1837	225.0	6.35	0.6853	51.725	284.000
286.000	19.4836	276.8057	335.2566	3.1286	0.3134	0.5590	319.94	0.1846	226.3	6.43	0.6852	51.325	286.000
288.000	19.6349	277.4691	336.3738	3.1325	0.3134	0.5582	321.13	0.1856	227.6	6.53	0.6845	50.930	288.000
290.000	19.7854	278.1329	337.4892	3.1363	0.3132	0.5575	322.32	0.1865	228.8	6.62	0.6839	50.542	290.000
292.000	19.9351	278.7983	338.6037	3.1401	0.3132	0.5567	323.50	0.1874	230.1	6.71	0.6836	50.163	292.000
294.000	20.0855	279.4681	339.7166	3.1438	0.3132	0.5562	324.67	0.1883	231.3	6.80	0.6832	49.787	294.000
296.000	20.2349	280.1287	340.8283	3.1476	0.3132	0.5557	325.83	0.1892	232.5	6.89	0.6829	49.420	296.000
298.000	20.3848	280.7846	341.9396	3.1513	0.3129	0.5550	326.99	0.1901	233.8	6.98	0.6825	49.056	298.000
300.000	20.5336	281.4475	343.0484	3.1551	0.3129	0.5545	328.15	0.1910	235.0	7.07	0.6822	48.701	300.000
302.000	20.6829	282.1079	344.1566	3.1589	0.3129	0.5540	329.30	0.1919	236.3	7.16	0.6821	48.349	302.000
304.000	20.8327	282.7658	345.2638	3.1624	0.3129	0.5532	330.44	0.1928	237.5	7.26	0.6815	48.002	304.000
306.000	20.9811	283.4267	346.3700	3.1661	0.3129	0.5527	331.58	0.1937	238.7	7.35	0.6811	47.662	306.000
308.000	21.1299	284.0854	347.4749	3.1696	0.3129	0.5522	332.71	0.1946	239.9	7.45	0.6808	47.326	308.000
310.000	21.2789	284.7423	348.5791	3.1731	0.3127	0.5517	333.84	0.1955	241.2	7.54	0.6807	46.995	310.000
312.000	21.4283	285.3972	349.6821	3.1766	0.3127	0.5512	334.96	0.1964	242.4	7.63	0.6803	46.667	312.000
314.000	21.5761	286.0561	350.7842	3.1801	0.3127	0.5507	336.08	0.1973	243.6	7.73	0.6800	46.348	314.000
316.000	21.7248	286.7135	351.8854	3.1836	0.3127	0.5502	337.19	0.1982	244.8	7.83	0.6796	46.032	316.000
318.000	21.8720	287.3693	352.9854	3.1871	0.3127	0.5500	338.30	0.1991	246.0	7.92	0.6795	45.720	318.000
320.000	22.0202	288.0243	354.0848	3.1906	0.3127	0.5495	339.41	0.2000	247.2	8.02	0.6791	45.413	320.000
322.000	22.1684	288.6781	355.1832	3.1942	0.3127	0.5490	340.50	0.2009	248.5	8.11	0.6790	45.109	322.000
324.000	22.3166	289.3311	356.2809	3.1974	0.3127	0.5487	341.60	0.2018	249.7	8.21	0.6790	44.810	324.000
326.000	22.4628	289.9892	357.3776	3.2009	0.3124	0.5482	342.69	0.2026	250.9	8.30	0.6789	44.518	326.000

THERMODYNAMIC PROPERTIES OF ARGON

30.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
328.000	22.6169	290.6407	358.4736	3.2842	0.3124	0.5477	343.77	0.2035	252.1	8.40	0.6785	44.226	328.000
330.000	22.7589	291.2919	359.5687	3.2874	0.3124	0.5475	344.85	0.2044	253.3	8.50	0.6784	43.939	330.000
332.000	22.9047	291.9490	360.6631	3.2169	0.3124	0.5470	345.93	0.2053	254.4	8.60	0.6778	43.659	332.000
334.000	23.0523	292.5997	361.7568	3.2142	0.3124	0.5467	347.00	0.2062	255.6	8.69	0.6777	43.380	334.000
336.000	23.1998	293.2502	362.8495	3.2174	0.3124	0.5462	348.07	0.2071	256.8	8.80	0.6773	43.104	336.000
338.000	23.3469	293.9012	363.9419	3.2207	0.3124	0.5460	349.13	0.2080	258.0	8.89	0.6772	42.832	338.000
340.000	23.4937	294.5522	365.0333	3.2239	0.3124	0.5455	350.19	0.2088	259.2	8.99	0.6771	42.565	340.000
342.000	23.6401	295.2038	366.1242	3.2269	0.3124	0.5452	351.24	0.2097	260.4	9.09	0.6770	42.301	342.000
344.000	23.7861	295.8559	367.2144	3.2302	0.3124	0.5450	352.30	0.2106	261.5	9.19	0.6767	42.041	344.000
346.000	23.9340	296.5019	368.3038	3.2335	0.3124	0.5445	353.34	0.2115	262.7	9.30	0.6763	41.782	346.000
348.000	24.0796	297.1557	369.3927	3.2365	0.3124	0.5442	354.39	0.2124	263.9	9.40	0.6762	41.530	348.000
350.000	24.2258	297.8034	370.4809	3.2397	0.3124	0.5440	355.42	0.2132	265.1	9.50	0.6764	41.278	350.000
352.000	24.3721	298.4521	371.5683	3.2427	0.3124	0.5437	356.46	0.2141	266.2	9.60	0.6760	41.031	352.000
354.000	24.5177	299.1024	372.6554	3.2457	0.3124	0.5435	357.49	0.2150	267.4	9.70	0.6759	40.787	354.000
356.000	24.6656	299.7467	373.7419	3.2490	0.3124	0.5430	358.52	0.2159	268.6	9.81	0.6755	40.543	356.000
358.000	24.8117	300.3924	374.8275	3.2520	0.3124	0.5427	359.54	0.2167	269.7	9.91	0.6754	40.304	358.000
360.000	24.9552	301.0474	375.9129	3.2550	0.3124	0.5425	360.57	0.2176	270.9	10.01	0.6753	40.072	360.000
362.000	25.1028	301.6891	376.9976	3.2580	0.3122	0.5422	361.58	0.2185	272.0	10.12	0.6750	39.836	362.000
364.000	25.2471	302.3403	378.0818	3.2610	0.3122	0.5420	362.60	0.2193	273.2	10.22	0.6752	39.608	364.000
366.000	25.3931	302.9860	379.1654	3.2640	0.3122	0.5417	363.61	0.2202	274.3	10.32	0.6748	39.381	366.000
368.000	25.5382	303.6348	380.2486	3.2667	0.3122	0.5415	364.61	0.2211	275.5	10.43	0.6747	39.157	368.000
370.000	25.6849	304.2764	381.3312	3.2698	0.3122	0.5412	365.62	0.2219	276.6	10.53	0.6746	38.933	370.000
372.000	25.8307	304.9213	382.4134	3.2728	0.3122	0.5410	366.62	0.2228	277.8	10.64	0.6745	38.714	372.000
374.000	25.9755	305.5687	383.4950	3.2755	0.3122	0.5407	367.61	0.2237	278.9	10.75	0.6741	38.498	374.000
376.000	26.1191	306.2186	384.5759	3.2785	0.3122	0.5405	368.61	0.2245	280.0	10.85	0.6741	38.286	376.000
378.000	26.2643	306.8638	385.6566	3.2813	0.3122	0.5402	369.60	0.2254	281.2	10.96	0.6739	38.074	378.000
380.000	26.4112	307.5034	386.7370	3.2843	0.3122	0.5400	370.58	0.2262	282.3	11.06	0.6739	37.863	380.000
382.000	26.5569	308.1459	387.8167	3.2870	0.3122	0.5397	371.57	0.2271	283.4	11.17	0.6735	37.655	382.000
384.000	26.7014	308.7919	388.8961	3.2898	0.3122	0.5395	372.55	0.2279	284.6	11.28	0.6737	37.451	384.000
386.000	26.8448	309.4413	389.9749	3.2925	0.3122	0.5395	373.53	0.2288	285.7	11.39	0.6736	37.252	386.000
388.000	26.9893	310.0855	391.0533	3.2955	0.3122	0.5392	374.50	0.2296	286.8	11.49	0.6735	37.052	388.000
390.000	27.1355	310.7249	392.1315	3.2983	0.3122	0.5390	375.47	0.2305	287.9	11.61	0.6732	36.852	390.000
392.000	27.2805	311.3678	393.2091	3.3010	0.3122	0.5387	376.44	0.2313	289.0	11.71	0.6731	36.656	392.000
394.000	27.4239	312.0146	394.2863	3.3038	0.3122	0.5384	377.41	0.2322	290.1	11.83	0.6727	36.465	394.000
396.000	27.5689	312.6566	395.3632	3.3065	0.3122	0.5384	378.37	0.2330	291.3	11.93	0.6732	36.273	396.000
398.000	27.7123	313.3026	396.4396	3.3091	0.3122	0.5382	379.33	0.2339	292.4	12.04	0.6728	36.085	398.000
400.000	27.8573	313.9439	397.5157	3.3118	0.3122	0.5379	380.28	0.2347	293.5	12.15	0.6727	35.897	400.000

THERMODYNAMIC PROPERTIES OF ARGON

35.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
86.000	0.7075	71.2828	73.7591	1.3315	0.8258	1.3032	684.01	1.3295	2814.2	0.72	2.7585	1413.384	86.000
87.000	0.7106	72.5597	75.0468	1.3465	0.7905	1.2737	689.39	1.3113	2738.3	0.73	2.6519	1407.284	87.000
88.000	0.7137	73.8113	76.3092	1.3608	0.7598	1.2486	693.97	1.2935	2668.3	0.74	2.5584	1401.172	88.000
89.000	0.7168	75.0387	77.5478	1.3748	0.7307	1.2273	697.79	1.2763	2574.0	0.75	2.4753	1395.052	89.000
90.000	0.7200	76.2445	78.7644	1.3886	0.7054	1.2096	700.97	1.2596	2501.2	0.75	2.4019	1388.928	90.000
91.000	0.7232	77.4368	79.9688	1.4018	0.6829	1.1948	703.38	1.2433	2431.4	0.75	2.3366	1382.768	91.000
92.000	0.7264	78.6128	81.1545	1.4148	0.6626	1.1825	705.20	1.2275	2364.6	0.75	2.2788	1376.596	92.000
93.000	0.7297	79.7795	82.3335	1.4274	0.6446	1.1728	706.26	1.2119	2300.3	0.75	2.2268	1370.364	93.000
94.000	0.7331	80.9358	83.5008	1.4399	0.6283	1.1648	706.74	1.1967	2238.7	0.75	2.1798	1364.116	94.000
95.000	0.7365	82.0849	84.6626	1.4521	0.6135	1.1588	706.68	1.1818	2179.3	0.75	2.1368	1357.813	95.000
96.000	0.7399	83.2285	85.8183	1.4644	0.6003	1.1548	705.97	1.1672	2122.2	0.75	2.0982	1351.469	96.000
97.000	0.7435	84.3682	86.9703	1.4764	0.5885	1.1525	704.79	1.1528	2067.1	0.74	2.0630	1345.073	97.000
98.000	0.7470	85.5044	88.1196	1.4882	0.5778	1.1485	703.16	1.1386	2013.9	0.74	2.0314	1338.626	98.000
99.000	0.7507	86.6389	89.2683	1.4997	0.5680	1.1475	701.08	1.1247	1962.6	0.74	2.0024	1332.118	99.000
100.000	0.7544	87.7754	90.4158	1.5112	0.5590	1.1472	698.44	1.1110	1912.9	0.73	1.9763	1325.551	100.000
101.000	0.7582	88.9069	91.5625	1.5227	0.5510	1.1480	695.50	1.0975	1864.9	0.72	1.9507	1318.931	101.000
102.000	0.7621	90.0426	92.7098	1.5340	0.5435	1.1495	692.19	1.0841	1818.4	0.72	1.9281	1312.244	102.000
103.000	0.7660	91.1820	93.8638	1.5453	0.5367	1.1515	688.54	1.0710	1773.4	0.71	1.9067	1305.485	103.000
104.000	0.7700	92.3189	95.0148	1.5563	0.5307	1.1543	684.57	1.0579	1729.7	0.71	1.8872	1298.666	104.000
105.000	0.7741	93.4618	96.1713	1.5675	0.5249	1.1575	680.35	1.0450	1687.4	0.70	1.8691	1291.783	105.000
106.000	0.7783	94.6057	97.3298	1.5783	0.5194	1.1610	675.90	1.0323	1646.4	0.69	1.8517	1284.832	106.000
107.000	0.7826	95.7548	98.4930	1.5893	0.5147	1.1655	671.11	1.0197	1606.5	0.68	1.8362	1277.801	107.000
108.000	0.7870	96.9064	99.6608	1.6003	0.5102	1.1703	666.10	1.0071	1567.7	0.68	1.8217	1270.694	108.000
109.000	0.7914	98.0633	100.8333	1.6111	0.5059	1.1753	660.86	0.9947	1530.1	0.67	1.8079	1263.511	109.000
110.000	0.7960	99.2280	102.0141	1.6219	0.5022	1.1810	655.37	0.9824	1493.4	0.66	1.7954	1256.241	110.000
111.000	0.8007	100.3935	103.1959	1.6324	0.4984	1.1868	649.71	0.9702	1457.8	0.65	1.7832	1248.906	111.000
112.000	0.8055	101.5670	104.3862	1.6431	0.4951	1.1938	643.86	0.9580	1423.0	0.65	1.7729	1241.472	112.000
113.000	0.8104	102.7468	105.5833	1.6539	0.4919	1.2003	637.78	0.9459	1389.2	0.64	1.7628	1233.960	113.000
114.000	0.8154	103.9318	106.7858	1.6644	0.4889	1.2078	631.41	0.9339	1356.2	0.63	1.7548	1226.348	114.000
115.000	0.8206	105.1288	108.0001	1.6749	0.4864	1.2158	624.85	0.9219	1324.0	0.62	1.7461	1218.614	115.000
116.000	0.8259	106.3286	109.2192	1.6854	0.4839	1.2243	618.13	0.9100	1292.5	0.61	1.7398	1210.796	116.000
117.000	0.8313	107.5381	110.4478	1.6962	0.4814	1.2334	611.21	0.8981	1261.8	0.61	1.7328	1202.874	117.000
118.000	0.8369	108.7569	111.6862	1.7067	0.4794	1.2434	604.05	0.8862	1231.8	0.60	1.7283	1194.825	118.000
119.000	0.8427	109.9851	112.9346	1.7172	0.4774	1.2536	596.68	0.8744	1202.4	0.59	1.7239	1186.655	119.000
120.000	0.8486	111.2232	114.1934	1.7277	0.4756	1.2651	589.09	0.8625	1173.6	0.58	1.7215	1178.362	120.000
121.000	0.8548	112.4727	115.4643	1.7383	0.4739	1.2774	581.23	0.8507	1145.4	0.57	1.7199	1169.913	121.000
122.000	0.8611	113.7347	116.7486	1.7488	0.4724	1.2904	573.16	0.8388	1117.7	0.56	1.7195	1161.324	122.000
123.000	0.8676	115.0098	118.0457	1.7595	0.4711	1.3047	564.83	0.8269	1090.5	0.55	1.7206	1152.572	123.000
124.000	0.8744	116.2986	119.3584	1.7701	0.4701	1.3202	556.25	0.8150	1063.7	0.54	1.7231	1143.639	124.000
125.000	0.8814	117.6021	120.6871	1.7808	0.4691	1.3378	547.39	0.8030	1037.4	0.53	1.7273	1134.519	125.000
126.000	0.8887	118.9221	122.0326	1.7913	0.4686	1.3555	538.26	0.7910	1011.4	0.52	1.7332	1125.199	126.000
127.000	0.8963	120.2612	123.3984	1.8023	0.4681	1.3755	528.82	0.7788	985.8	0.51	1.7411	1115.648	127.000
128.000	0.9043	121.6197	124.7847	1.8131	0.4676	1.3976	519.09	0.7666	960.5	0.50	1.7511	1105.857	128.000
129.000	0.9126	123.0000	126.1941	1.8241	0.4676	1.4221	509.00	0.7542	935.4	0.48	1.7638	1095.786	129.000
130.000	0.9213	124.4054	127.6299	1.8351	0.4679	1.4494	498.58	0.7418	910.6	0.47	1.7792	1085.423	130.000

THERMODYNAMIC PROPERTIES OF ARGON

35.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
131.000	0.9385	125.0374	129.0941	1.8464	0.4684	1.4794	487.76	0.7291	885.9	0.46	1.7976	1074.713	131.000
132.000	0.9402	127.2967	130.5892	1.8577	0.4689	1.5135	476.57	0.7163	861.3	0.44	1.8198	1063.647	132.000
133.000	0.9584	129.7962	132.1228	1.8694	0.4781	1.5518	464.91	0.7033	836.7	0.43	1.8461	1052.138	133.000
134.000	0.9614	130.3297	133.6945	1.8812	0.4714	1.5953	452.81	0.6901	812.2	0.42	1.8776	1040.170	134.000
135.000	0.9731	131.9093	135.3152	1.8932	0.4731	1.6454	440.16	0.6767	787.5	0.40	1.9148	1027.634	135.000
136.000	0.9857	133.5385	136.9886	1.9055	0.4754	1.7037	426.96	0.6630	762.7	0.38	1.9599	1014.475	136.000
137.000	0.9994	135.2285	138.7268	1.9182	0.4781	1.7728	413.06	0.6491	737.5	0.37	2.0142	1000.558	137.000
138.000	1.0145	136.9878	140.5384	1.9315	0.4814	1.8557	398.43	0.6350	711.9	0.35	2.0804	985.749	138.000
139.000	1.0311	138.8348	142.4437	1.9453	0.4856	1.9578	382.96	0.6206	685.6	0.33	2.1628	969.838	139.000
140.000	1.0498	140.7886	144.4638	1.9595	0.4906	2.0875	366.32	0.6059	658.5	0.30	2.2687	952.632	140.000
141.000	1.0713	142.8816	146.6311	1.9751	0.4971	2.2592	348.41	0.5909	630.6	0.28	2.4087	933.449	141.000
142.000	1.0967	145.1676	149.0000	1.9918	0.5052	2.5025	328.71	0.5756	599.6	0.25	2.6068	911.857	142.000
• 142.300	1.1078	146.0934	149.9700	1.9986	0.5089	2.6242	320.69	0.5697	587.5	0.24	2.7062	902.857	142.300
• 142.300	4.7937	289.6893	226.4671	2.5355	0.5167	2.7311	178.66	0.1906	149.6	0.33	2.1436	268.608	142.300
143.000	4.9363	218.7869	228.8648	2.5466	0.5059	2.4484	180.77	0.1854	148.8	0.37	1.9651	262.588	143.000
144.000	5.1445	212.3362	238.3419	2.5628	0.4911	2.1385	183.85	0.1790	147.9	0.43	1.7604	194.383	144.000
145.000	5.3328	213.6944	232.3563	2.5763	0.4786	1.9180	186.65	0.1742	147.3	0.49	1.6150	187.548	145.000
146.000	5.5044	214.9149	234.1884	2.5891	0.4679	1.7463	189.23	0.1704	146.9	0.54	1.5054	181.672	146.000
147.000	5.6654	216.0315	235.9684	2.6004	0.4581	1.6186	191.66	0.1673	146.6	0.59	1.4183	176.518	147.000
148.000	5.8173	217.0647	237.4264	2.6111	0.4496	1.5168	193.92	0.1647	146.5	0.63	1.3485	171.988	148.000
149.000	5.9615	218.0324	239.8978	2.6209	0.4416	1.4314	196.09	0.1625	146.5	0.68	1.2904	167.742	149.000
150.000	6.0997	218.9437	240.2926	2.6304	0.4346	1.3600	198.15	0.1606	146.6	0.72	1.2416	163.943	150.000
151.000	6.2324	219.8076	241.6211	2.6392	0.4281	1.2992	200.13	0.1590	146.7	0.76	1.1987	160.451	151.000
152.000	6.3604	220.6317	242.8938	2.6474	0.4220	1.2481	202.03	0.1575	146.9	0.80	1.1623	157.223	152.000
153.000	6.4844	221.4196	244.1151	2.6555	0.4165	1.1998	203.87	0.1563	147.1	0.84	1.1292	154.215	153.000
154.000	6.6049	222.1772	245.2944	2.6632	0.4113	1.1598	205.64	0.1551	147.4	0.88	1.1015	151.403	154.000
155.000	6.7221	222.9074	246.4349	2.6707	0.4065	1.1225	207.36	0.1541	147.7	0.92	1.0758	148.762	155.000
156.000	6.8363	223.6129	247.5401	2.6777	0.4023	1.0897	209.03	0.1533	148.0	0.96	1.0520	146.278	156.000
157.000	6.9481	224.2964	248.6147	2.6845	0.3980	1.0599	210.65	0.1525	148.4	1.00	1.0314	143.925	157.000
158.000	7.0574	224.9599	249.6608	2.6912	0.3940	1.0331	212.23	0.1518	148.8	1.04	1.0127	141.696	158.000
159.000	7.1646	225.6049	250.6811	2.6978	0.3905	1.0086	213.77	0.1511	149.2	1.07	0.9959	139.574	159.000
160.000	7.2699	226.2334	251.6782	2.7043	0.3870	0.9866	215.28	0.1505	149.6	1.11	0.9801	137.553	160.000
161.000	7.3731	226.8479	252.6539	2.7106	0.3837	0.9655	216.75	0.1500	150.0	1.15	0.9655	135.627	161.000
162.000	7.4749	227.4477	253.6097	2.7168	0.3807	0.9462	218.19	0.1496	150.5	1.18	0.9519	133.782	162.000
163.000	7.5751	228.0339	254.5466	2.7228	0.3780	0.9287	219.59	0.1492	151.0	1.22	0.9399	132.012	163.000
164.000	7.6738	228.6090	255.4671	2.7273	0.3752	0.9122	220.97	0.1488	151.4	1.25	0.9281	130.314	164.000
165.000	7.7709	229.1729	256.3712	2.7328	0.3725	0.8969	222.33	0.1485	151.9	1.29	0.9175	128.684	165.000
166.000	7.8669	229.7270	257.2612	2.7383	0.3702	0.8826	223.65	0.1482	152.4	1.32	0.9077	127.115	166.000
167.000	7.9618	230.2709	258.1371	2.7438	0.3677	0.8694	224.96	0.1480	153.0	1.36	0.8988	125.601	167.000
168.000	8.0555	230.8051	258.9994	2.7486	0.3657	0.8569	226.24	0.1478	153.5	1.39	0.8899	124.138	168.000
169.000	8.1483	231.3313	259.8505	2.7536	0.3635	0.8451	227.50	0.1476	154.0	1.42	0.8817	122.724	169.000
170.000	8.2398	231.8503	260.6896	2.7586	0.3615	0.8341	228.74	0.1475	154.6	1.46	0.8742	121.362	170.000
171.000	8.3306	232.3615	261.5185	2.7633	0.3597	0.8236	229.96	0.1473	155.1	1.49	0.8672	120.046	171.000
172.000	8.4205	232.8652	262.3378	2.7683	0.3580	0.8138	231.16	0.1473	155.7	1.52	0.8602	118.757	172.000
173.000	8.5093	233.3637	263.1481	2.7729	0.3562	0.8043	232.35	0.1472	156.2	1.56	0.8535	117.519	173.000

THERMODYNAMIC PROPERTIES OF ARGON

35.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
174.000	0.5975	233.8548	263.9461	2.7776	0.3545	0.7955	233.52	0.1472	156.8	1.59	0.8474	116.313	174.000
175.000	0.6049	234.3464	264.7376	2.7821	0.3536	0.7873	234.67	0.1471	157.4	1.62	0.8424	115.142	175.000
176.000	0.7717	234.8196	265.5284	2.7866	0.3515	0.7793	235.80	0.1471	157.9	1.66	0.8365	114.004	176.000
177.000	0.8576	235.2948	266.2957	2.7909	0.3500	0.7718	236.92	0.1472	158.5	1.69	0.8310	112.897	177.000
178.000	0.9431	235.7632	267.0639	2.7951	0.3487	0.7645	238.03	0.1472	159.1	1.72	0.8263	111.818	178.000
179.000	0.0276	236.2282	267.8246	2.7994	0.3475	0.7577	239.12	0.1473	159.7	1.75	0.8215	110.772	179.000
180.000	0.1117	236.6882	268.5791	2.8036	0.3462	0.7512	240.20	0.1473	160.3	1.79	0.8175	109.749	180.000
181.000	0.1954	237.1436	269.3274	2.8079	0.3449	0.7450	241.27	0.1474	160.9	1.82	0.8132	108.750	181.000
182.000	0.2782	237.5954	270.0691	2.8119	0.3437	0.7390	242.32	0.1476	161.5	1.85	0.8086	107.780	182.000
183.000	0.3608	238.0424	270.8058	2.8159	0.3427	0.7332	243.36	0.1477	162.1	1.89	0.8047	106.829	183.000
184.000	0.4427	238.4864	271.5357	2.8199	0.3417	0.7279	244.39	0.1478	162.7	1.92	0.8013	105.902	184.000
185.000	0.5239	238.9274	272.2589	2.8239	0.3407	0.7227	245.41	0.1480	163.3	1.95	0.7974	104.999	185.000
186.000	0.6056	239.3636	272.9811	2.8277	0.3397	0.7177	246.42	0.1481	163.9	1.98	0.7942	104.112	186.000
187.000	0.6853	239.7976	273.6960	2.8317	0.3387	0.7129	247.42	0.1483	164.5	2.01	0.7908	103.250	187.000
188.000	0.7654	240.2277	274.4065	2.8354	0.3379	0.7082	248.41	0.1485	165.2	2.05	0.7878	102.403	188.000
189.000	0.8453	240.6543	275.1126	2.8392	0.3369	0.7039	249.39	0.1487	165.8	2.08	0.7849	101.572	189.000
190.000	0.9245	241.0783	275.8148	2.8429	0.3362	0.6997	250.36	0.1489	166.4	2.11	0.7819	100.761	190.000
191.000	10.0034	241.4995	276.5114	2.8465	0.3354	0.6954	251.32	0.1492	167.0	2.15	0.7784	99.966	191.000
192.000	10.0818	241.9194	277.2049	2.8502	0.3347	0.6914	252.27	0.1494	167.6	2.18	0.7756	99.191	192.000
193.000	10.1597	242.3352	277.8943	2.8537	0.3339	0.6876	253.21	0.1497	168.3	2.21	0.7731	98.428	193.000
194.000	10.2374	242.7494	278.5804	2.8572	0.3332	0.6841	254.15	0.1499	168.9	2.24	0.7709	97.681	194.000
195.000	10.3150	243.1599	279.2625	2.8607	0.3324	0.6806	255.08	0.1502	169.5	2.28	0.7681	96.946	195.000
196.000	10.3921	243.5690	279.9414	2.8642	0.3319	0.6771	255.99	0.1505	170.2	2.31	0.7658	96.227	196.000
197.000	10.4690	243.9751	280.6168	2.8677	0.3312	0.6739	256.91	0.1507	170.8	2.34	0.7638	95.520	197.000
198.000	10.5453	244.3802	281.2889	2.8710	0.3307	0.6706	257.81	0.1510	171.4	2.37	0.7612	94.829	198.000
199.000	10.6214	244.7831	281.9580	2.8745	0.3299	0.6676	258.71	0.1513	172.1	2.41	0.7594	94.149	199.000
200.000	10.6972	245.1837	282.6239	2.8777	0.3294	0.6646	259.60	0.1516	172.7	2.44	0.7571	93.482	200.000
202.000	10.8526	245.9691	283.9531	2.8845	0.3284	0.6589	261.36	0.1522	174.0	2.51	0.7532	92.144	202.000
204.000	11.0023	246.7571	285.2854	2.8910	0.3274	0.6536	263.09	0.1529	175.3	2.57	0.7494	90.896	204.000
206.000	11.1513	247.5388	286.5677	2.8973	0.3264	0.6488	264.80	0.1536	176.5	2.64	0.7456	89.675	206.000
208.000	11.2993	248.3128	287.8685	2.9035	0.3257	0.6441	266.48	0.1542	177.8	2.71	0.7427	88.501	208.000
210.000	11.4461	249.0832	289.1444	2.9095	0.3249	0.6398	268.14	0.1550	179.1	2.77	0.7393	87.366	210.000
212.000	11.5924	249.8483	290.4195	2.9158	0.3242	0.6356	269.78	0.1557	180.4	2.84	0.7364	86.264	212.000
214.000	11.7380	250.6038	291.6869	2.9215	0.3234	0.6318	271.40	0.1564	181.7	2.91	0.7340	85.193	214.000
216.000	11.8829	251.3584	292.9466	2.9276	0.3227	0.6281	273.01	0.1572	183.0	2.97	0.7311	84.154	216.000
218.000	12.0268	252.1052	294.1989	2.9333	0.3222	0.6246	274.59	0.1579	184.3	3.04	0.7290	83.148	218.000
220.000	12.1700	252.8494	295.4445	2.9391	0.3217	0.6213	276.15	0.1587	185.6	3.11	0.7266	82.169	220.000
222.000	12.3125	253.5902	296.6839	2.9446	0.3209	0.6181	277.70	0.1595	186.9	3.18	0.7242	81.218	222.000
224.000	12.4546	254.3259	297.9171	2.9501	0.3204	0.6150	279.23	0.1603	188.2	3.25	0.7221	80.291	224.000
226.000	12.5963	255.0577	299.1446	2.9556	0.3202	0.6123	280.74	0.1611	189.5	3.31	0.7202	79.389	226.000
228.000	12.7366	255.7883	300.3665	2.9608	0.3197	0.6095	282.24	0.1619	190.7	3.38	0.7180	78.514	228.000
230.000	12.8768	256.5142	301.5838	2.9664	0.3192	0.6070	283.73	0.1627	192.0	3.45	0.7164	77.659	230.000
232.000	13.0168	257.2359	302.7946	2.9714	0.3189	0.6045	285.20	0.1635	193.3	3.52	0.7147	76.824	232.000
234.000	13.1563	257.9545	304.0017	2.9766	0.3184	0.6023	286.65	0.1644	194.6	3.59	0.7129	76.009	234.000
236.000	13.2947	258.6726	305.2048	2.9819	0.3182	0.6000	288.10	0.1652	195.9	3.66	0.7115	75.218	236.000

THERMODYNAMIC PROPERTIES OF ARGON

35.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
238.000	13.4331	259.3863	306.4021	2.9869	0.3177	0.5988	289.53	0.1660	197.2	3.73	0.7104	74.443	238.000
240.000	13.5787	260.8984	307.6959	2.9919	0.3174	0.5966	290.94	0.1669	198.5	3.88	0.7089	73.688	240.000
242.000	13.7662	260.8878	308.7857	2.9966	0.3172	0.5948	292.35	0.1677	199.8	3.87	0.7077	72.949	242.000
244.000	13.8454	261.5127	309.9717	3.0017	0.3169	0.5928	293.74	0.1686	201.1	3.94	0.7061	72.226	244.000
246.000	13.9823	262.2161	311.1542	3.0064	0.3167	0.5903	295.12	0.1694	202.3	4.01	0.7049	71.519	246.000
248.000	14.1187	262.9176	312.3333	3.0112	0.3164	0.5888	296.50	0.1703	203.6	4.08	0.7039	70.828	248.000
250.000	14.2546	263.6176	313.5088	3.0159	0.3162	0.5870	297.86	0.1711	204.9	4.15	0.7030	70.153	250.000
252.000	14.3898	264.3160	314.6813	3.0207	0.3159	0.5855	299.21	0.1720	206.2	4.23	0.7019	69.494	252.000
254.000	14.5251	265.0128	315.8506	3.0252	0.3157	0.5840	300.55	0.1729	207.5	4.30	0.7009	68.848	254.000
256.000	14.6596	265.7080	317.0171	3.0299	0.3157	0.5825	301.88	0.1737	208.7	4.37	0.6999	68.215	256.000
258.000	14.7946	266.3991	318.1804	3.0344	0.3154	0.5810	303.20	0.1746	210.0	4.45	0.6988	67.592	258.000
260.000	14.9288	267.0905	319.3411	3.0390	0.3152	0.5798	304.51	0.1755	211.3	4.52	0.6980	66.985	260.000
262.000	15.0626	267.7802	320.4994	3.0432	0.3152	0.5785	305.81	0.1763	212.6	4.59	0.6970	66.390	262.000
264.000	15.1961	268.4685	321.6549	3.0477	0.3149	0.5773	307.11	0.1772	213.8	4.66	0.6965	65.806	264.000
266.000	15.3292	269.1558	322.8079	3.0520	0.3147	0.5760	308.39	0.1781	215.1	4.74	0.6957	65.235	266.000
268.000	15.4627	269.8392	323.9586	3.0562	0.3147	0.5747	309.67	0.1790	216.4	4.82	0.6948	64.672	268.000
270.000	15.5958	270.5224	325.1071	3.0605	0.3144	0.5737	310.94	0.1799	217.6	4.89	0.6940	64.121	270.000
272.000	15.7279	271.2057	326.2534	3.0647	0.3144	0.5725	312.20	0.1807	218.9	4.96	0.6935	63.581	272.000
274.000	15.8604	271.8868	327.3976	3.0690	0.3142	0.5715	313.45	0.1816	220.1	5.04	0.6927	63.050	274.000
276.000	15.9922	272.5678	328.5396	3.0732	0.3142	0.5705	314.70	0.1825	221.4	5.12	0.6921	62.531	276.000
278.000	16.1240	273.2455	329.6796	3.0773	0.3139	0.5695	315.93	0.1834	222.6	5.19	0.6912	62.019	278.000
280.000	16.2560	273.9219	330.8178	3.0813	0.3139	0.5685	317.16	0.1843	223.9	5.27	0.6906	61.516	280.000
282.000	16.3868	274.6001	331.9540	3.0855	0.3139	0.5677	318.39	0.1851	225.1	5.34	0.6904	61.025	282.000
284.000	16.5168	275.2728	333.0885	3.0895	0.3137	0.5667	319.60	0.1860	226.4	5.42	0.6898	60.537	284.000
286.000	16.6496	275.9479	334.2212	3.0933	0.3137	0.5660	320.81	0.1869	227.6	5.50	0.6892	60.062	286.000
288.000	16.7801	276.6219	335.3522	3.0973	0.3137	0.5650	322.02	0.1878	228.9	5.58	0.6886	59.594	288.000
290.000	16.9105	277.2948	336.4814	3.1013	0.3134	0.5642	323.21	0.1887	230.1	5.66	0.6880	59.135	290.000
292.000	17.0417	277.9634	337.6094	3.1050	0.3134	0.5635	324.40	0.1896	231.3	5.73	0.6874	58.680	292.000
294.000	17.1715	278.6355	338.7356	3.1090	0.3134	0.5627	325.59	0.1904	232.6	5.81	0.6875	58.236	294.000
296.000	17.3020	279.3033	339.8603	3.1128	0.3134	0.5620	326.76	0.1913	233.8	5.89	0.6868	57.797	296.000
298.000	17.4309	279.9753	340.9835	3.1166	0.3132	0.5612	327.94	0.1922	235.0	5.97	0.6862	57.369	298.000
300.000	17.5605	280.6436	342.1055	3.1203	0.3132	0.5605	329.10	0.1931	236.3	6.05	0.6859	56.946	300.000
302.000	17.6908	281.3080	343.2260	3.1241	0.3132	0.5600	330.26	0.1940	237.5	6.13	0.6855	56.526	302.000
304.000	17.8206	281.9732	344.3452	3.1278	0.3132	0.5592	331.41	0.1948	238.7	6.21	0.6853	56.115	304.000
306.000	17.9496	282.6394	345.4631	3.1313	0.3132	0.5587	332.56	0.1957	239.9	6.29	0.6849	55.711	306.000
308.000	18.0786	283.3069	346.5798	3.1351	0.3129	0.5580	333.71	0.1966	241.1	6.37	0.6843	55.316	308.000
310.000	18.2068	283.9711	347.6950	3.1386	0.3129	0.5575	334.84	0.1975	242.3	6.45	0.6839	54.925	310.000
312.000	18.3362	284.6326	348.8092	3.1421	0.3129	0.5567	335.97	0.1984	243.6	6.53	0.6836	54.537	312.000
314.000	18.4647	285.2958	349.9221	3.1458	0.3129	0.5562	337.10	0.1993	244.8	6.62	0.6832	54.158	314.000
316.000	18.5936	285.9565	351.0341	3.1493	0.3129	0.5557	338.22	0.2001	246.0	6.70	0.6832	53.782	316.000
318.000	18.7215	286.6194	352.1448	3.1528	0.3129	0.5552	339.34	0.2010	247.2	6.78	0.6828	53.414	318.000
320.000	18.8498	287.2804	353.2547	3.1564	0.3127	0.5547	340.45	0.2019	248.4	6.86	0.6825	53.051	320.000
322.000	18.9778	287.9439	354.3634	3.1598	0.3127	0.5540	341.56	0.2028	249.6	6.95	0.6818	52.695	322.000
324.000	19.1059	288.6065	355.4711	3.1631	0.3127	0.5535	342.66	0.2036	250.8	7.03	0.6818	52.340	324.000
326.000	19.2336	289.2682	356.5778	3.1666	0.3127	0.5532	343.76	0.2045	252.0	7.11	0.6817	51.992	326.000

THERMODYNAMIC PROPERTIES OF ARGON

35.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
328.000	19.3615	289.9181	357.6835	3.1699	0.3127	0.5527	344.85	0.2054	253.1	7.20	0.6811	51.649	328.000
330.000	19.4882	290.5796	358.7881	3.1734	0.3127	0.5522	345.94	0.2063	254.3	7.28	0.6807	51.313	330.000
332.000	19.6164	291.2346	359.8921	3.1768	0.3127	0.5517	347.02	0.2071	255.5	7.36	0.6807	50.978	332.000
334.000	19.7433	291.8934	360.9958	3.1799	0.3127	0.5512	348.10	0.2080	256.7	7.45	0.6803	50.650	334.000
336.000	19.8703	292.5511	362.0978	3.1831	0.3127	0.5507	349.17	0.2089	257.9	7.54	0.6799	50.326	336.000
338.000	19.9972	293.2081	363.1984	3.1864	0.3127	0.5505	350.24	0.2098	259.1	7.62	0.6798	50.007	338.000
340.000	20.1242	293.8637	364.2986	3.1896	0.3124	0.5500	351.31	0.2106	260.2	7.71	0.6795	49.691	340.000
342.000	20.2512	294.5190	365.3983	3.1929	0.3124	0.5495	352.37	0.2115	261.4	7.80	0.6791	49.380	342.000
344.000	20.3782	295.1733	366.4969	3.1962	0.3124	0.5492	353.43	0.2124	262.6	7.88	0.6790	49.072	344.000
346.000	20.5050	295.8272	367.5948	3.1994	0.3124	0.5487	354.48	0.2132	263.7	7.97	0.6787	48.769	346.000
348.000	20.6318	296.4808	368.6920	3.2024	0.3124	0.5485	355.53	0.2141	264.9	8.05	0.6786	48.469	348.000
350.000	20.7584	297.1344	369.7887	3.2057	0.3124	0.5480	356.57	0.2150	266.1	8.14	0.6782	48.173	350.000
352.000	20.8848	297.7873	370.8841	3.2087	0.3124	0.5477	357.61	0.2158	267.2	8.23	0.6782	47.882	352.000
354.000	21.0110	298.4407	371.9793	3.2119	0.3124	0.5475	358.65	0.2167	268.4	8.32	0.6781	47.594	354.000
356.000	21.1370	299.0942	373.0737	3.2149	0.3124	0.5470	359.68	0.2175	269.5	8.41	0.6777	47.310	356.000
358.000	21.2627	299.7481	374.1674	3.2179	0.3124	0.5467	360.71	0.2184	270.7	8.49	0.6776	47.031	358.000
360.000	21.3899	300.3959	375.2603	3.2212	0.3124	0.5462	361.74	0.2193	271.8	8.59	0.6774	46.751	360.000
362.000	21.5149	301.0505	376.3525	3.2242	0.3124	0.5460	362.76	0.2201	273.0	8.67	0.6772	46.479	362.000
364.000	21.6413	301.6995	377.4442	3.2272	0.3124	0.5457	363.78	0.2210	274.1	8.76	0.6768	46.208	364.000
366.000	21.7674	302.3493	378.5353	3.2302	0.3124	0.5455	364.80	0.2218	275.3	8.85	0.6770	45.940	366.000
368.000	21.8931	303.0000	379.6257	3.2330	0.3124	0.5450	365.81	0.2227	276.4	8.95	0.6764	45.677	368.000
370.000	22.0182	303.6516	380.7154	3.2360	0.3124	0.5447	366.81	0.2235	277.5	9.03	0.6763	45.417	370.000
372.000	22.1449	304.2978	381.8048	3.2390	0.3124	0.5445	367.82	0.2244	278.7	9.13	0.6762	45.157	372.000
374.000	22.2698	304.9521	382.8935	3.2420	0.3124	0.5442	368.82	0.2252	279.8	9.22	0.6762	44.900	374.000
376.000	22.3945	305.6068	383.9814	3.2447	0.3124	0.5440	369.82	0.2261	280.9	9.31	0.6758	44.654	376.000
378.000	22.5194	306.2613	385.0691	3.2477	0.3124	0.5437	370.81	0.2269	282.1	9.40	0.6760	44.406	378.000
380.000	22.6457	306.8961	386.1560	3.2505	0.3124	0.5435	371.80	0.2278	283.2	9.49	0.6756	44.159	380.000
382.000	22.7713	307.5427	387.2424	3.2535	0.3124	0.5432	372.79	0.2286	284.3	9.58	0.6756	43.915	382.000
384.000	22.8963	308.1912	388.3283	3.2562	0.3124	0.5430	373.77	0.2295	285.4	9.68	0.6752	43.675	384.000
386.000	23.0205	308.8418	389.4137	3.2590	0.3124	0.5427	374.76	0.2303	286.6	9.77	0.6754	43.439	386.000
388.000	23.1461	309.4872	390.4986	3.2617	0.3124	0.5425	375.73	0.2312	287.7	9.87	0.6750	43.204	388.000
390.000	23.2709	310.1348	391.5830	3.2645	0.3122	0.5422	376.71	0.2320	288.8	9.96	0.6750	42.972	390.000
392.000	23.3949	310.7848	392.6669	3.2675	0.3122	0.5420	377.68	0.2328	289.9	10.05	0.6749	42.744	392.000
394.000	23.5202	311.4297	393.7504	3.2703	0.3122	0.5417	378.65	0.2337	291.0	10.15	0.6745	42.517	394.000
396.000	23.6446	312.0774	394.8335	3.2730	0.3122	0.5415	379.62	0.2345	292.1	10.24	0.6745	42.293	396.000
398.000	23.7703	312.7197	395.9159	3.2755	0.3122	0.5412	380.58	0.2353	293.2	10.33	0.6744	42.069	398.000
400.000	23.8951	313.3651	396.9981	3.2783	0.3122	0.5410	381.54	0.2362	294.3	10.43	0.6740	41.850	400.000

THERMODYNAMIC PROPERTIES OF ARGON

40.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
86.000	0.7067	71.1542	73.9009	1.3366	0.8161	1.3024	696.66	1.3330	2830.6	0.72	2.7667	1415.074	86.000
87.000	0.7097	72.4294	76.2683	1.3450	0.7815	1.2727	700.93	1.3147	2746.0	0.73	2.6582	1408.962	87.000
88.000	0.7128	73.6764	76.5277	1.3593	0.7505	1.2474	705.15	1.2969	2665.4	0.74	2.5636	1402.854	88.000
89.000	0.7159	74.8979	77.7616	1.3733	0.7227	1.2258	709.94	1.2798	2589.0	0.75	2.4798	1396.786	89.000
90.000	0.7191	76.1053	78.9817	1.3868	0.6979	1.2078	711.74	1.2638	2515.6	0.75	2.4057	1390.662	90.000
91.000	0.7223	77.2912	80.1902	1.4001	0.6756	1.1928	713.92	1.2468	2445.5	0.75	2.3396	1384.534	91.000
92.000	0.7255	78.4655	81.3875	1.4131	0.6559	1.1805	715.48	1.2309	2378.4	0.76	2.2811	1378.378	92.000
93.000	0.7288	79.6287	82.5438	1.4259	0.6381	1.1703	716.23	1.2153	2313.9	0.75	2.2282	1372.174	93.000
94.000	0.7321	80.7804	83.7088	1.4384	0.6223	1.1623	716.51	1.2001	2252.0	0.76	2.1810	1365.958	94.000
95.000	0.7355	81.9257	84.8676	1.4506	0.6078	1.1559	716.26	1.1852	2192.5	0.75	2.1380	1359.694	95.000
96.000	0.7389	83.0660	86.0210	1.4627	0.5948	1.1510	715.39	1.1706	2135.1	0.75	2.0993	1353.386	96.000
97.000	0.7424	84.2018	87.1713	1.4744	0.5833	1.1477	713.94	1.1563	2079.8	0.75	2.0644	1347.019	97.000
98.000	0.7459	85.3331	88.3188	1.4862	0.5727	1.1455	712.15	1.1422	2026.5	0.74	2.0323	1340.615	98.000
99.000	0.7495	86.4631	89.4613	1.4979	0.5632	1.1440	709.86	1.1283	1975.0	0.74	2.0025	1334.155	99.000
100.000	0.7532	87.5924	90.6053	1.5095	0.5545	1.1437	707.17	1.1146	1925.2	0.73	1.9755	1327.648	100.000
101.000	0.7570	88.7214	91.7493	1.5207	0.5467	1.1442	704.05	1.1011	1877.1	0.73	1.9506	1321.057	101.000
102.000	0.7608	89.8496	92.8928	1.5320	0.5392	1.1455	700.78	1.0879	1830.5	0.72	1.9274	1314.433	102.000
103.000	0.7647	90.9830	94.0417	1.5433	0.5327	1.1475	696.88	1.0747	1785.4	0.72	1.9063	1307.726	103.000
104.000	0.7687	92.1161	95.1957	1.5543	0.5267	1.1500	692.82	1.0617	1741.6	0.71	1.8864	1300.963	104.000
105.000	0.7727	93.2569	96.3417	1.5653	0.5212	1.1530	688.51	1.0489	1699.3	0.70	1.8679	1294.139	105.000
106.000	0.7769	94.3881	97.4956	1.5763	0.5159	1.1565	683.95	1.0362	1658.1	0.70	1.8506	1287.245	106.000
107.000	0.7811	95.5297	98.6548	1.5873	0.5112	1.1605	679.12	1.0237	1618.2	0.69	1.8345	1280.286	107.000
108.000	0.7854	96.6759	99.8175	1.5981	0.5067	1.1650	674.06	1.0112	1579.4	0.68	1.8196	1273.247	108.000
109.000	0.7898	97.8261	100.9863	1.6088	0.5027	1.1698	668.77	0.9988	1541.7	0.67	1.8056	1266.148	109.000
110.000	0.7943	98.9803	102.1575	1.6196	0.4989	1.1753	663.29	0.9866	1505.1	0.67	1.7929	1258.967	110.000
111.000	0.7989	100.1379	103.3336	1.6301	0.4951	1.1810	657.62	0.9744	1469.4	0.66	1.7810	1251.699	111.000
112.000	0.8036	101.3048	104.5191	1.6406	0.4919	1.1870	651.71	0.9624	1434.7	0.65	1.7698	1244.344	112.000
113.000	0.8085	102.4746	105.7084	1.6514	0.4889	1.1936	645.63	0.9504	1400.9	0.64	1.7593	1236.918	113.000
114.000	0.8134	103.6521	106.9057	1.6619	0.4859	1.2006	639.38	0.9384	1367.9	0.64	1.7501	1229.406	114.000
115.000	0.8185	104.8366	108.1106	1.6724	0.4834	1.2081	632.89	0.9265	1335.7	0.63	1.7416	1221.778	115.000
116.000	0.8237	106.0282	109.3229	1.6829	0.4809	1.2161	626.24	0.9147	1304.3	0.62	1.7340	1214.072	116.000
117.000	0.8290	107.2274	110.5435	1.6935	0.4786	1.2248	619.36	0.9029	1273.6	0.61	1.7277	1206.248	117.000
118.000	0.8345	108.4341	111.7726	1.7037	0.4764	1.2339	612.32	0.8912	1243.8	0.60	1.7217	1198.328	118.000
119.000	0.8401	109.6506	113.0112	1.7142	0.4744	1.2436	605.07	0.8795	1214.3	0.59	1.7170	1190.291	119.000
120.000	0.8459	110.8761	114.2598	1.7247	0.4726	1.2544	597.60	0.8677	1185.6	0.59	1.7139	1182.129	120.000
121.000	0.8519	112.1125	115.5202	1.7353	0.4709	1.2656	589.93	0.8560	1157.5	0.58	1.7114	1173.836	121.000
122.000	0.8581	113.3591	116.7913	1.7458	0.4694	1.2777	582.05	0.8443	1129.9	0.57	1.7099	1165.411	122.000
123.000	0.8644	114.6175	118.0752	1.7566	0.4681	1.2909	573.93	0.8326	1102.9	0.56	1.7100	1156.834	123.000
124.000	0.8710	115.8901	119.3742	1.7665	0.4671	1.3052	565.57	0.8208	1076.2	0.55	1.7113	1148.090	124.000
125.000	0.8778	117.1753	120.6866	1.7773	0.4661	1.3205	556.96	0.8090	1050.1	0.54	1.7140	1139.173	125.000
126.000	0.8849	118.4755	122.0151	1.7878	0.4651	1.3372	548.12	0.7972	1024.4	0.53	1.7183	1130.081	126.000
127.000	0.8922	119.7922	123.3611	1.7983	0.4646	1.3555	539.06	0.7853	999.0	0.52	1.7244	1120.785	127.000
128.000	0.8999	121.1279	124.7274	1.8091	0.4641	1.3755	529.81	0.7733	973.9	0.51	1.7324	1111.261	128.000
129.000	0.9079	122.4813	126.1127	1.8199	0.4639	1.3973	519.92	0.7612	949.2	0.49	1.7424	1101.498	129.000
130.000	0.9162	123.8572	127.5228	1.8309	0.4639	1.4213	509.92	0.7490	924.7	0.48	1.7548	1091.471	130.000

THERMODYNAMIC PROPERTIES OF ARGON

40.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
131.000	0.9249	125.2681	128.9659	1.8419	0.4641	1.4479	499.68	0.7367	900.4	0.47	1.7696	1081.153	131.000
132.000	0.9341	126.6827	130.4193	1.8529	0.4646	1.4777	488.92	0.7243	876.2	0.46	1.7876	1070.507	132.000
133.000	0.9438	128.1371	131.9125	1.8642	0.4654	1.5186	477.89	0.7117	852.2	0.44	1.8087	1059.585	133.000
134.000	0.9541	129.6245	133.4418	1.8757	0.4664	1.5478	466.44	0.6989	828.3	0.43	1.8343	1048.188	134.000
135.000	0.9650	131.1491	135.0093	1.8872	0.4676	1.5898	454.57	0.6860	804.3	0.42	1.8640	1036.227	135.000
136.000	0.9767	132.7155	136.6224	1.8992	0.4691	1.6379	442.22	0.6728	780.3	0.40	1.8996	1023.839	136.000
137.000	0.9893	134.3387	138.2878	1.9116	0.4714	1.6936	429.34	0.6595	756.1	0.39	1.9416	1010.848	137.000
138.000	1.0029	136.0000	140.0120	1.9248	0.4739	1.7583	415.89	0.6460	731.7	0.37	1.9915	997.158	138.000
139.000	1.0177	137.7378	141.8078	1.9378	0.4771	1.8356	401.76	0.6323	706.9	0.35	2.0522	982.689	139.000
140.000	1.0340	139.5526	143.6888	1.9503	0.4809	1.9298	386.87	0.6184	681.6	0.33	2.1262	967.081	140.000
141.000	1.0523	141.4645	145.6736	1.9646	0.4854	2.0454	371.10	0.6043	655.5	0.31	2.2187	950.315	141.000
142.000	1.0730	143.4989	147.7989	1.9796	0.4911	2.1954	354.21	0.5900	628.4	0.29	2.3382	931.975	142.000
143.000	1.0970	145.6935	150.0816	1.9956	0.4981	2.3979	336.95	0.5756	599.9	0.26	2.4991	911.557	143.000
144.000	1.1259	148.1127	152.6161	2.0131	0.5072	2.6925	319.03	0.5610	569.1	0.23	2.7314	888.216	144.000
145.000	1.1623	150.8778	155.5272	2.0334	0.5192	3.1759	299.99	0.5463	534.8	0.20	3.1090	860.332	145.000
* 145.670	1.1944	153.0622	157.8397	2.0492	0.5302	3.7494	285.17	0.5366	508.2	0.17	3.5509	837.206	145.670
* 145.670	3.8261	284.8599	220.1642	2.4767	0.5467	4.4573	177.36	0.2420	165.2	0.21	3.0427	261.364	145.670
146.000	3.9236	295.8215	221.5134	2.4868	0.5382	3.9374	178.81	0.2337	163.9	0.23	2.7614	254.908	146.000
147.000	4.1763	298.2246	224.9297	2.5093	0.5167	3.0112	182.66	0.2163	160.8	0.30	2.2385	239.448	147.000
148.000	4.3863	210.1268	227.6720	2.5280	0.4999	2.5163	185.95	0.2053	158.9	0.36	1.9476	227.983	148.000
149.000	4.5787	211.7369	230.0195	2.5438	0.4859	2.1999	188.88	0.1974	157.6	0.41	1.7563	218.787	149.000
150.000	4.7574	213.1528	232.1617	2.5578	0.4739	1.9763	191.57	0.1913	156.7	0.46	1.6189	211.686	150.000
151.000	4.8914	214.4247	233.9982	2.5703	0.4636	1.8086	194.07	0.1864	156.0	0.50	1.5136	206.442	151.000
152.000	5.0353	215.5897	235.7310	2.5819	0.4543	1.6772	196.42	0.1824	155.5	0.55	1.4298	198.697	152.000
153.000	5.1713	216.6688	237.3531	2.5924	0.4461	1.5716	198.64	0.1790	155.2	0.59	1.3622	193.376	153.000
154.000	5.3007	217.6755	238.8783	2.6024	0.4386	1.4829	200.75	0.1762	155.0	0.63	1.3045	188.654	154.000
155.000	5.4244	218.6255	240.3232	2.6116	0.4318	1.4086	202.77	0.1737	154.9	0.67	1.2561	184.352	155.000
156.000	5.5434	219.5252	241.6989	2.6204	0.4256	1.3456	204.71	0.1715	154.9	0.71	1.2148	180.393	156.000
157.000	5.6584	220.3828	243.0154	2.6289	0.4196	1.2897	206.58	0.1695	155.0	0.74	1.1794	176.738	157.000
158.000	5.7696	221.2017	244.2801	2.6369	0.4143	1.2411	208.39	0.1678	155.1	0.78	1.1472	173.322	158.000
159.000	5.8777	221.9891	245.4999	2.6447	0.4093	1.1983	210.14	0.1663	155.2	0.82	1.1183	170.135	159.000
160.000	5.9829	222.7462	246.6779	2.6519	0.4048	1.1606	211.84	0.1649	155.4	0.85	1.0932	167.142	160.000
161.000	6.0855	223.4786	247.8204	2.6592	0.4005	1.1265	213.49	0.1637	155.6	0.89	1.0698	164.326	161.000
162.000	6.1858	224.1868	248.9298	2.6660	0.3965	1.0944	215.09	0.1626	155.9	0.92	1.0493	161.662	162.000
163.000	6.2839	224.8739	250.0095	2.6727	0.3928	1.0661	216.65	0.1616	156.2	0.95	1.0305	159.137	163.000
164.000	6.3800	225.5426	251.0626	2.6792	0.3893	1.0404	218.18	0.1607	156.5	0.99	1.0132	156.748	164.000
165.000	6.4744	226.1932	252.0907	2.6855	0.3858	1.0166	219.67	0.1599	156.9	1.02	0.9975	154.456	165.000
166.000	6.5671	226.8283	253.0968	2.6915	0.3827	0.9948	221.12	0.1591	157.2	1.05	0.9829	152.274	166.000
167.000	6.6583	227.4479	254.0811	2.6973	0.3797	0.9748	222.55	0.1585	157.6	1.08	0.9692	150.189	167.000
168.000	6.7480	228.0544	255.0466	2.7030	0.3770	0.9562	223.95	0.1579	158.0	1.11	0.9568	148.191	168.000
169.000	6.8365	228.6478	255.9938	2.7088	0.3742	0.9390	225.32	0.1573	158.5	1.15	0.9461	146.274	169.000
170.000	6.9237	229.2296	256.9243	2.7143	0.3717	0.9227	226.66	0.1568	158.9	1.18	0.9351	144.432	170.000
171.000	7.0098	229.8006	257.8397	2.7195	0.3695	0.9077	227.98	0.1564	159.3	1.21	0.9245	142.658	171.000
172.000	7.0948	230.3612	258.7404	2.7248	0.3672	0.8937	229.27	0.1560	159.8	1.24	0.9154	140.949	172.000
173.000	7.1788	230.9117	259.6278	2.7300	0.3650	0.8804	230.55	0.1556	160.3	1.27	0.9070	139.299	173.000

THERMODYNAMIC PROPERTIES OF ARGON

40.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
174.000	7.2617	231.4543	260.5011	2.7351	0.3638	0.8681	231.80	0.1553	160.8	1.30	0.8989	137.709	174.000
176.000	7.3437	231.9886	261.3635	2.7401	0.3618	0.8564	233.63	0.1551	161.2	1.33	0.8900	136.171	176.000
176.000	7.4256	232.5145	262.2144	2.7448	0.3592	0.8453	234.24	0.1548	161.7	1.36	0.8836	134.681	176.000
177.000	7.5053	233.0331	263.0544	2.7496	0.3575	0.8351	235.44	0.1546	162.3	1.39	0.8767	133.239	177.000
178.000	7.5852	233.5439	263.8846	2.7543	0.3557	0.8251	236.62	0.1545	162.8	1.42	0.8694	131.836	178.000
179.000	7.6639	234.0488	264.7043	2.7588	0.3542	0.8158	237.78	0.1543	163.3	1.45	0.8634	130.482	179.000
180.000	7.7421	234.5475	265.5159	2.7633	0.3527	0.8070	238.92	0.1542	163.8	1.48	0.8573	129.164	180.000
181.000	7.8197	235.0398	266.3187	2.7678	0.3512	0.7985	240.05	0.1541	164.4	1.51	0.8519	127.882	181.000
182.000	7.8967	235.5262	267.1130	2.7721	0.3497	0.7905	241.17	0.1541	164.9	1.54	0.8469	126.635	182.000
183.000	7.9729	236.0064	267.9000	2.7766	0.3485	0.7830	242.27	0.1541	165.5	1.57	0.8409	125.425	183.000
184.000	8.0485	236.4851	268.6793	2.7809	0.3472	0.7758	243.36	0.1541	166.0	1.60	0.8357	124.246	184.000
185.000	8.1238	236.9582	269.4513	2.7849	0.3459	0.7687	244.43	0.1541	166.6	1.63	0.8311	123.096	185.000
186.000	8.1983	237.4248	270.2170	2.7891	0.3447	0.7622	245.49	0.1541	167.1	1.66	0.8265	121.977	186.000
187.000	8.2725	237.8861	270.9760	2.7931	0.3437	0.7560	246.54	0.1541	167.7	1.69	0.8227	120.883	187.000
188.000	8.3461	238.3442	271.7287	2.7971	0.3427	0.7500	247.58	0.1542	168.3	1.72	0.8186	119.816	188.000
189.000	8.4194	238.7981	272.4757	2.8011	0.3414	0.7442	248.60	0.1543	168.8	1.75	0.8142	118.773	189.000
190.000	8.4919	239.2494	273.2172	2.8049	0.3407	0.7387	249.62	0.1544	169.4	1.77	0.8106	117.769	190.000
191.000	8.5643	239.6968	273.9531	2.8089	0.3397	0.7332	250.62	0.1545	170.0	1.80	0.8068	116.764	191.000
192.000	8.6361	240.1395	274.6838	2.8127	0.3387	0.7282	251.62	0.1547	170.6	1.83	0.8036	115.793	192.000
193.000	8.7076	240.5792	275.4095	2.8164	0.3379	0.7234	252.60	0.1548	171.2	1.86	0.8001	114.843	193.000
194.000	8.7787	241.0155	276.1305	2.8202	0.3369	0.7187	253.58	0.1550	171.8	1.89	0.7966	113.912	194.000
195.000	8.8495	241.4489	276.8469	2.8239	0.3362	0.7142	254.54	0.1552	172.4	1.92	0.7933	113.001	195.000
196.000	8.9198	241.8793	277.5586	2.8274	0.3354	0.7097	255.50	0.1554	173.0	1.95	0.7900	112.110	196.000
197.000	8.9898	242.3077	278.2662	2.8312	0.3347	0.7057	256.45	0.1556	173.6	1.98	0.7873	111.239	197.000
198.000	9.0593	242.7328	278.9697	2.8347	0.3339	0.7017	257.39	0.1558	174.2	2.01	0.7845	110.384	198.000
199.000	9.1286	243.1548	279.6693	2.8382	0.3332	0.6977	258.32	0.1560	174.8	2.04	0.7817	109.545	199.000
200.000	9.1977	243.5743	280.3652	2.8417	0.3327	0.6939	259.24	0.1562	175.4	2.07	0.7792	108.722	200.000
202.000	9.3377	244.3999	281.7508	2.8487	0.3314	0.6866	261.07	0.1567	176.6	2.13	0.7738	107.093	202.000
204.000	9.4738	245.2225	283.1176	2.8555	0.3302	0.6801	262.86	0.1572	177.8	2.19	0.7693	105.555	204.000
206.000	9.6087	246.0368	284.4718	2.8620	0.3289	0.6739	264.62	0.1578	179.0	2.25	0.7644	104.073	206.000
208.000	9.7429	246.8415	285.8133	2.8685	0.3279	0.6681	266.36	0.1584	180.3	2.31	0.7605	102.638	208.000
210.000	9.8759	247.6403	287.1448	2.8747	0.3272	0.6626	268.08	0.1590	181.5	2.37	0.7564	101.256	210.000
212.000	10.0078	248.4325	288.4637	2.8810	0.3262	0.6576	269.77	0.1596	182.7	2.43	0.7528	99.922	212.000
214.000	10.1391	249.2176	289.7742	2.8873	0.3254	0.6526	271.44	0.1603	184.0	2.49	0.7491	98.628	214.000
216.000	10.2693	249.9973	291.0746	2.8933	0.3247	0.6481	273.08	0.1609	185.2	2.55	0.7460	97.377	216.000
218.000	10.3990	250.7705	292.3666	2.8993	0.3239	0.6438	274.70	0.1616	186.5	2.61	0.7430	96.163	218.000
220.000	10.5280	251.5386	293.6502	2.9050	0.3232	0.6398	276.31	0.1623	187.7	2.67	0.7400	94.984	220.000
222.000	10.6562	252.3010	294.9259	2.9108	0.3227	0.6358	277.90	0.1630	189.0	2.73	0.7372	93.842	222.000
224.000	10.7838	253.0587	296.1941	2.9165	0.3219	0.6323	279.46	0.1638	190.2	2.79	0.7342	92.731	224.000
226.000	10.9106	253.8121	297.4552	2.9220	0.3214	0.6288	281.01	0.1645	191.5	2.85	0.7320	91.653	226.000
228.000	11.0373	254.5604	298.7095	2.9276	0.3209	0.6256	282.55	0.1653	192.8	2.92	0.7296	90.602	228.000
230.000	11.1628	255.3063	299.9574	2.9331	0.3204	0.6226	284.06	0.1660	194.0	2.98	0.7276	89.583	230.000
232.000	11.2881	256.0471	301.1990	2.9386	0.3199	0.6196	285.56	0.1668	195.3	3.04	0.7254	88.589	232.000
234.000	11.4127	256.7856	302.4357	2.9438	0.3197	0.6168	287.05	0.1676	196.5	3.10	0.7232	87.622	234.000
236.000	11.5373	257.5169	303.6663	2.9491	0.3192	0.6140	288.52	0.1683	197.8	3.16	0.7217	86.675	236.000

THERMODYNAMIC PROPERTIES OF ARGON

40.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
238.000	11.6669	258.2478	304.8916	2.9541	0.3187	0.6115	289.98	0.1691	199.1	3.22	0.7200	85.756	238.000
240.000	11.7839	260.9766	308.1122	2.9593	0.3184	0.6090	291.42	0.1699	200.3	3.29	0.7180	84.862	240.000
242.000	11.9007	259.7012	307.3278	2.9644	0.3182	0.6065	292.85	0.1707	201.6	3.35	0.7163	83.987	242.000
244.000	12.0291	260.4225	308.5388	2.9694	0.3177	0.6045	294.27	0.1715	202.9	3.41	0.7152	83.132	244.000
246.000	12.1511	261.1409	309.7454	2.9744	0.3174	0.6023	295.68	0.1723	204.1	3.48	0.7134	82.297	246.000
248.000	12.2727	261.8571	310.9477	2.9791	0.3172	0.6003	297.07	0.1732	205.4	3.54	0.7119	81.482	248.000
250.000	12.3942	262.5693	312.1460	2.9839	0.3169	0.5983	298.45	0.1740	206.6	3.60	0.7104	80.683	250.000
252.000	12.5156	263.2807	313.3408	2.9886	0.3167	0.5963	299.83	0.1748	207.9	3.67	0.7092	79.904	252.000
254.000	12.6368	263.9915	314.5316	2.9934	0.3164	0.5945	301.19	0.1756	209.1	3.73	0.7079	79.145	254.000
256.000	12.7554	264.6972	315.7189	2.9981	0.3162	0.5928	302.54	0.1765	210.4	3.80	0.7066	78.398	256.000
258.000	12.8755	265.4007	316.9027	3.0027	0.3159	0.5910	303.88	0.1773	211.6	3.86	0.7054	77.667	258.000
260.000	12.9945	266.1056	318.0835	3.0072	0.3159	0.5895	305.21	0.1781	212.9	3.93	0.7047	76.956	260.000
262.000	13.1143	266.8039	319.2610	3.0117	0.3157	0.5880	306.53	0.1790	214.1	3.99	0.7033	76.253	262.000
264.000	13.2328	267.5048	320.4353	3.0162	0.3154	0.5865	307.84	0.1798	215.4	4.06	0.7026	75.570	264.000
266.000	13.3514	268.2012	321.6068	3.0207	0.3152	0.5850	309.14	0.1806	216.6	4.12	0.7016	74.899	266.000
268.000	13.4699	268.8958	322.7756	3.0249	0.3152	0.5838	310.43	0.1815	217.9	4.19	0.7008	74.239	268.000
270.000	13.5877	269.5907	323.9413	3.0294	0.3149	0.5823	311.72	0.1823	219.1	4.25	0.6998	73.596	270.000
272.000	13.7059	270.2811	325.1049	3.0337	0.3149	0.5810	312.99	0.1832	220.4	4.32	0.6990	72.961	272.000
274.000	13.8233	270.9726	326.2656	3.0379	0.3147	0.5798	314.26	0.1840	221.6	4.39	0.6982	72.342	274.000
276.000	13.9403	271.6631	327.4241	3.0422	0.3147	0.5785	315.52	0.1849	222.8	4.46	0.6971	71.735	276.000
278.000	14.0577	272.3493	328.5801	3.0462	0.3144	0.5775	316.77	0.1858	224.1	4.52	0.6965	71.135	278.000
280.000	14.1747	273.0358	329.7339	3.0505	0.3144	0.5762	318.02	0.1866	225.3	4.59	0.6958	70.548	280.000
282.000	14.2912	273.7202	330.8851	3.0545	0.3142	0.5752	319.25	0.1875	226.6	4.66	0.6952	69.973	282.000
284.000	14.4072	274.4058	332.0346	3.0585	0.3142	0.5742	320.48	0.1883	227.8	4.72	0.6947	69.410	284.000
286.000	14.5234	275.0883	333.1819	3.0625	0.3139	0.5732	321.70	0.1892	229.0	4.79	0.6938	68.854	286.000
288.000	14.6398	275.7683	334.3274	3.0665	0.3139	0.5722	322.92	0.1900	230.2	4.86	0.6933	68.307	288.000
290.000	14.7554	276.4490	335.4706	3.0705	0.3139	0.5712	324.12	0.1909	231.5	4.93	0.6927	67.772	290.000
292.000	14.8711	277.1277	336.6121	3.0745	0.3137	0.5702	325.33	0.1918	232.7	5.00	0.6918	67.244	292.000
294.000	14.9866	277.8068	337.7518	3.0783	0.3137	0.5695	326.52	0.1926	233.9	5.07	0.6916	66.729	294.000
296.000	15.1017	278.4831	338.8898	3.0823	0.3137	0.5685	327.71	0.1935	235.1	5.14	0.6907	66.218	296.000
298.000	15.2164	279.1583	340.0260	3.0860	0.3134	0.5677	328.89	0.1943	236.3	5.21	0.6905	65.718	298.000
300.000	15.3311	279.8363	341.1605	3.0898	0.3134	0.5670	330.07	0.1952	237.5	5.28	0.6899	65.227	300.000
302.000	15.4465	280.5076	342.2935	3.0935	0.3134	0.5660	331.23	0.1961	238.8	5.35	0.6892	64.748	302.000
304.000	15.5607	281.1818	343.4247	3.0973	0.3134	0.5652	332.40	0.1969	240.0	5.42	0.6890	64.264	304.000
306.000	15.6747	281.8557	344.5547	3.1010	0.3134	0.5645	333.56	0.1978	241.2	5.49	0.6883	63.797	306.000
308.000	15.7894	282.5252	345.6829	3.1048	0.3132	0.5637	334.71	0.1987	242.4	5.57	0.6877	63.334	308.000
310.000	15.9038	283.1947	346.8098	3.1083	0.3132	0.5632	335.85	0.1995	243.6	5.63	0.6877	62.878	310.000
312.000	16.0187	283.8684	347.9353	3.1120	0.3132	0.5625	336.99	0.2004	244.8	5.71	0.6871	62.435	312.000
314.000	16.1313	284.5343	349.0595	3.1156	0.3132	0.5617	338.13	0.2012	246.0	5.78	0.6868	61.991	314.000
316.000	16.2444	285.2050	350.1825	3.1191	0.3132	0.5610	339.26	0.2021	247.2	5.85	0.6862	61.560	316.000
318.000	16.3579	285.8722	351.3039	3.1226	0.3129	0.5605	340.38	0.2030	248.4	5.92	0.6858	61.132	318.000
320.000	16.4709	286.5403	352.4241	3.1261	0.3129	0.5597	341.50	0.2038	249.5	6.00	0.6852	60.713	320.000
322.000	16.5844	287.2056	353.5433	3.1296	0.3129	0.5592	342.62	0.2047	250.7	6.07	0.6849	60.298	322.000
324.000	16.6973	287.8720	354.6610	3.1331	0.3129	0.5587	343.72	0.2055	251.9	6.14	0.6849	59.890	324.000
326.000	16.8105	288.5357	355.7777	3.1366	0.3129	0.5580	344.83	0.2064	253.1	6.22	0.6842	59.487	326.000

THERMODYNAMIC PROPERTIES OF ARGON

40.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
328.000	16.9238	289.2813	356.8934	3.1481	0.3129	0.5575	345.93	0.2073	254.3	6.29	0.6839	59.091	328.000
330.000	17.0359	289.8643	358.0079	3.1433	0.3129	0.5570	347.02	0.2081	255.5	6.37	0.6838	58.700	330.000
332.000	17.1491	290.5247	359.1211	3.1486	0.3127	0.5565	348.11	0.2090	256.6	6.44	0.6832	58.312	332.000
334.000	17.2614	291.1886	360.2338	3.1501	0.3127	0.5560	349.20	0.2098	257.8	6.51	0.6832	57.933	334.000
336.000	17.3741	291.8497	361.3458	3.1583	0.3127	0.5555	350.28	0.2107	259.0	6.59	0.6828	57.557	336.000
338.000	17.4857	292.5123	362.4552	3.1586	0.3127	0.5550	351.35	0.2116	260.1	6.67	0.6822	57.190	338.000
340.000	17.5976	293.1743	363.5646	3.1599	0.3127	0.5545	352.42	0.2124	261.3	6.74	0.6821	56.826	340.000
342.000	17.7096	293.8346	364.6731	3.1631	0.3127	0.5540	353.49	0.2133	262.5	6.82	0.6817	56.466	342.000
344.000	17.8218	294.4932	365.7805	3.1664	0.3127	0.5535	354.55	0.2141	263.6	6.89	0.6814	56.111	344.000
346.000	17.9342	295.1502	366.8869	3.1696	0.3127	0.5530	355.61	0.2150	264.8	6.97	0.6811	55.759	346.000
348.000	18.0454	295.8112	367.9926	3.1729	0.3127	0.5527	356.67	0.2158	265.9	7.05	0.6810	55.416	348.000
350.000	18.1579	296.4655	369.0973	3.1759	0.3127	0.5522	357.72	0.2167	267.1	7.13	0.6807	55.072	350.000
352.000	18.2698	297.1242	370.2012	3.1791	0.3127	0.5517	358.76	0.2175	268.2	7.20	0.6803	54.737	352.000
354.000	18.3806	297.7820	371.3044	3.1821	0.3124	0.5515	359.81	0.2184	269.4	7.28	0.6802	54.405	354.000
356.000	18.4919	298.4388	372.4066	3.1854	0.3124	0.5510	360.84	0.2192	270.5	7.36	0.6799	54.078	356.000
358.000	18.6033	299.0950	373.5081	3.1884	0.3124	0.5505	361.88	0.2201	271.7	7.44	0.6795	53.754	358.000
360.000	18.7145	299.7509	374.6090	3.1914	0.3124	0.5502	362.91	0.2209	272.8	7.51	0.6795	53.434	360.000
362.000	18.8257	300.4061	375.7089	3.1947	0.3124	0.5497	363.94	0.2218	274.0	7.60	0.6791	53.119	362.000
364.000	18.9368	301.0607	376.8078	3.1977	0.3124	0.5495	364.96	0.2226	275.1	7.67	0.6791	52.807	364.000
366.000	19.0477	301.7155	377.9065	3.2007	0.3124	0.5490	365.98	0.2235	276.2	7.75	0.6784	52.500	366.000
368.000	19.1585	302.3703	379.0044	3.2037	0.3124	0.5487	366.99	0.2243	277.4	7.83	0.6786	52.196	368.000
370.000	19.2691	303.0246	380.1014	3.2064	0.3124	0.5485	368.01	0.2251	278.5	7.91	0.6786	51.896	370.000
372.000	19.3795	303.6797	381.1978	3.2094	0.3124	0.5480	369.01	0.2260	279.6	7.99	0.6779	51.601	372.000
374.000	19.4897	304.3348	382.2935	3.2124	0.3124	0.5477	370.02	0.2268	280.8	8.07	0.6781	51.309	374.000
376.000	19.6011	304.9848	383.3884	3.2154	0.3124	0.5475	371.02	0.2277	281.9	8.15	0.6778	51.018	376.000
378.000	19.7107	305.6402	384.4828	3.2182	0.3124	0.5470	372.02	0.2285	283.0	8.23	0.6774	50.734	378.000
380.000	19.8215	306.2966	385.5767	3.2212	0.3124	0.5467	373.01	0.2293	284.1	8.31	0.6774	50.450	380.000
382.000	19.9320	306.9418	386.6696	3.2239	0.3124	0.5465	374.01	0.2302	285.2	8.40	0.6770	50.171	382.000
384.000	20.0421	307.5941	387.7623	3.2269	0.3124	0.5462	374.99	0.2310	286.3	8.48	0.6770	49.895	384.000
386.000	20.1518	308.2471	388.8542	3.2297	0.3124	0.5457	375.98	0.2318	287.5	8.56	0.6768	49.623	386.000
388.000	20.2627	308.8948	389.9456	3.2325	0.3124	0.5455	376.96	0.2327	288.6	8.64	0.6765	49.352	388.000
390.000	20.3732	309.5436	391.0363	3.2352	0.3124	0.5452	377.94	0.2335	289.7	8.73	0.6764	49.084	390.000
392.000	20.4832	310.1936	392.1265	3.2382	0.3124	0.5450	378.91	0.2343	290.8	8.81	0.6764	48.820	392.000
394.000	20.5927	310.8452	393.2162	3.2410	0.3124	0.5447	379.89	0.2352	291.9	8.89	0.6760	48.561	394.000
396.000	20.7017	311.4984	394.3053	3.2437	0.3124	0.5445	380.85	0.2360	293.0	8.97	0.6760	48.305	396.000
398.000	20.8119	312.1465	395.3940	3.2465	0.3124	0.5442	381.82	0.2368	294.1	9.06	0.6759	48.049	398.000
400.000	20.9215	312.7962	396.4821	3.2492	0.3124	0.5440	382.78	0.2376	295.2	9.14	0.6758	47.798	400.000

THERMODYNAMIC PROPERTIES OF ARGON

45.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
86.000	0.7659	71.0258	74.2022	1.3285	0.8068	1.3017	707.80	1.3364	2846.5	0.72	2.7726	1416.700	86.000
87.000	0.7689	72.3063	75.4984	1.3435	0.7728	1.2717	712.39	1.3180	2761.4	0.73	2.6643	1410.604	87.000
88.000	0.7120	73.5438	76.7478	1.3578	0.7422	1.2461	716.32	1.3003	2686.4	0.74	2.5687	1404.516	88.000
89.000	0.7151	74.7848	77.9821	1.3718	0.7149	1.2243	719.67	1.2831	2603.4	0.75	2.4842	1398.444	89.000
90.000	0.7182	76.0065	79.1985	1.3853	0.6906	1.2063	722.19	1.2664	2529.7	0.75	2.4097	1392.344	90.000
91.000	0.7214	77.1503	80.3965	1.3986	0.6689	1.1918	724.16	1.2501	2459.3	0.76	2.3431	1386.236	91.000
92.000	0.7246	78.3199	81.5866	1.4116	0.6496	1.1783	725.48	1.2342	2391.9	0.76	2.2835	1380.112	92.000
93.000	0.7278	79.4794	82.7646	1.4241	0.6321	1.1686	726.14	1.2187	2327.2	0.76	2.2304	1373.962	93.000
94.000	0.7311	80.6275	83.9176	1.4366	0.6163	1.1598	726.15	1.2035	2265.0	0.76	2.1827	1367.762	94.000
95.000	0.7345	81.7707	85.0758	1.4489	0.6023	1.1532	725.59	1.1886	2205.2	0.76	2.1396	1361.518	95.000
96.000	0.7379	82.9057	86.2261	1.4609	0.5898	1.1485	724.58	1.1740	2147.8	0.75	2.1011	1355.248	96.000
97.000	0.7413	84.0351	87.3711	1.4727	0.5783	1.1447	723.05	1.1597	2092.3	0.75	2.0653	1348.932	97.000
98.000	0.7448	85.1625	88.5143	1.4844	0.5680	1.1422	721.02	1.1457	2038.8	0.75	2.0326	1342.568	98.000
99.000	0.7484	86.2882	89.6561	1.4962	0.5585	1.1418	718.62	1.1318	1987.3	0.74	2.0034	1336.157	99.000
100.000	0.7521	87.4137	90.7966	1.5075	0.5502	1.1402	715.71	1.1182	1937.3	0.74	1.9755	1329.669	100.000
101.000	0.7558	88.5348	91.9358	1.5190	0.5425	1.1407	712.54	1.1048	1889.1	0.73	1.9505	1323.158	101.000
102.000	0.7596	89.6623	93.0803	1.5302	0.5354	1.1417	708.94	1.0915	1842.4	0.73	1.9272	1316.586	102.000
103.000	0.7634	90.7872	94.2225	1.5413	0.5289	1.1435	705.09	1.0784	1797.2	0.72	1.9057	1309.923	103.000
104.000	0.7673	91.9132	95.3662	1.5523	0.5229	1.1457	700.94	1.0655	1753.5	0.71	1.8856	1303.220	104.000
105.000	0.7713	93.0427	96.5137	1.5633	0.5174	1.1487	696.53	1.0527	1711.0	0.71	1.8671	1296.452	105.000
106.000	0.7754	94.1758	97.6647	1.5743	0.5124	1.1528	691.85	1.0401	1669.8	0.70	1.8494	1289.617	106.000
107.000	0.7796	95.3085	98.8187	1.5851	0.5079	1.1558	686.96	1.0276	1629.8	0.69	1.8331	1282.722	107.000
108.000	0.7839	96.4479	99.9752	1.5958	0.5034	1.1600	681.85	1.0152	1591.0	0.69	1.8179	1275.751	108.000
109.000	0.7882	97.5918	101.1387	1.6066	0.4994	1.1648	676.53	1.0029	1553.3	0.68	1.8040	1268.717	109.000
110.000	0.7926	98.7388	102.3057	1.6171	0.4956	1.1698	671.00	0.9907	1516.6	0.67	1.7907	1261.598	110.000
111.000	0.7972	99.8982	103.4775	1.6279	0.4924	1.1758	665.31	0.9786	1480.9	0.66	1.7782	1254.419	111.000
112.000	0.8018	101.0481	104.6563	1.6384	0.4891	1.1818	659.41	0.9666	1446.2	0.66	1.7670	1247.153	112.000
113.000	0.8066	102.2097	105.8393	1.6489	0.4861	1.1878	653.34	0.9547	1412.3	0.65	1.7566	1239.810	113.000
114.000	0.8114	103.3784	107.0299	1.6594	0.4831	1.1938	647.10	0.9429	1379.4	0.64	1.7465	1232.388	114.000
115.000	0.8164	104.5536	108.2269	1.6699	0.4806	1.2008	640.67	0.9311	1347.2	0.63	1.7374	1224.858	115.000
116.000	0.8215	105.7346	109.4315	1.6802	0.4781	1.2063	634.07	0.9194	1315.8	0.63	1.7293	1217.262	116.000
117.000	0.8268	106.9232	110.6438	1.6907	0.4759	1.2163	627.31	0.9077	1285.2	0.62	1.7222	1209.548	117.000
118.000	0.8321	108.1193	111.8639	1.7010	0.4736	1.2251	620.34	0.8960	1255.3	0.61	1.7164	1201.736	118.000
119.000	0.8376	109.3246	113.0946	1.7115	0.4716	1.2344	613.21	0.8844	1226.0	0.60	1.7111	1193.822	119.000
120.000	0.8433	110.5377	114.3326	1.7217	0.4699	1.2441	605.87	0.8728	1197.4	0.59	1.7068	1185.792	120.000
121.000	0.8492	111.7613	115.5825	1.7323	0.4681	1.2548	598.32	0.8613	1169.4	0.58	1.7034	1177.635	121.000
122.000	0.8552	112.9948	116.8429	1.7425	0.4666	1.2659	590.60	0.8497	1141.9	0.57	1.7012	1169.358	122.000
123.000	0.8614	114.2384	118.1145	1.7530	0.4654	1.2782	582.68	0.8381	1115.0	0.56	1.7005	1160.949	123.000
124.000	0.8678	115.4938	119.3987	1.7633	0.4641	1.2912	574.53	0.8265	1088.5	0.56	1.7005	1152.384	124.000
125.000	0.8744	116.7627	120.6974	1.7738	0.4631	1.3054	566.15	0.8149	1062.5	0.55	1.7021	1143.659	125.000
126.000	0.8812	118.0433	122.0089	1.7843	0.4621	1.3205	557.58	0.8032	1037.0	0.54	1.7048	1134.783	126.000
127.000	0.8883	119.3408	123.3383	1.7948	0.4616	1.3372	548.73	0.7915	1011.8	0.53	1.7094	1125.699	127.000
128.000	0.8957	120.6544	124.6851	1.8053	0.4608	1.3553	539.65	0.7798	987.0	0.52	1.7164	1116.427	128.000
129.000	0.9034	121.9844	126.0496	1.8159	0.4606	1.3758	530.31	0.7679	962.5	0.50	1.7235	1106.939	129.000
130.000	0.9114	123.3339	127.4352	1.8266	0.4603	1.3988	520.71	0.7560	938.3	0.49	1.7333	1097.224	130.000

THERMODYNAMIC PROPERTIES OF ARGON

45.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
131.000	0.9198	124.7845	128.8435	1.8374	0.4603	1.4201	510.78	0.7445	914.3	0.48	1.7452	1087.229	131.000
132.000	0.9285	126.0984	130.2769	1.8484	0.4606	1.4461	500.59	0.7318	896.6	0.47	1.7599	1076.966	132.000
133.000	0.9377	127.5172	131.7378	1.8594	0.4611	1.4752	490.86	0.7196	867.8	0.46	1.7773	1066.392	133.000
134.000	0.9475	128.9646	133.2282	1.8704	0.4619	1.5072	479.18	0.7072	843.5	0.44	1.7977	1055.458	134.000
135.000	0.9577	130.4434	134.7532	1.8819	0.4626	1.5433	467.94	0.6946	820.2	0.43	1.8223	1044.137	135.000
136.000	0.9686	131.9569	136.3157	1.8935	0.4639	1.5838	456.32	0.6819	796.8	0.42	1.8507	1032.384	136.000
137.000	0.9803	133.5109	137.9228	1.9052	0.4658	1.6296	444.26	0.6691	773.4	0.40	1.8836	1020.136	137.000
138.000	0.9927	135.1108	139.5782	1.9172	0.4676	1.6824	431.72	0.6561	749.9	0.39	1.9230	1007.305	138.000
139.000	1.0062	136.7615	141.2894	1.9296	0.4699	1.7435	418.68	0.6430	726.2	0.37	1.9691	993.834	139.000
140.000	1.0208	138.4737	143.0675	1.9423	0.4726	1.8151	405.07	0.6297	702.2	0.35	2.0241	979.589	140.000
141.000	1.0369	140.2594	144.9254	1.9555	0.4761	1.9010	390.78	0.6163	677.8	0.34	2.0907	964.429	141.000
142.000	1.0547	142.1309	146.8769	1.9693	0.4804	2.0056	375.75	0.6028	652.7	0.32	2.1716	948.162	142.000
143.000	1.0747	144.1089	148.9449	1.9838	0.4854	2.1388	359.82	0.5892	626.9	0.30	2.2735	930.525	143.000
144.000	1.0975	146.2241	151.1638	1.9993	0.4914	2.3075	342.86	0.5756	599.9	0.27	2.4049	911.136	144.000
145.000	1.1244	148.5289	153.5987	2.0161	0.4991	2.5421	324.38	0.5619	571.3	0.25	2.5846	889.374	145.000
146.000	1.1571	151.0767	156.2837	2.0346	0.5089	2.8918	304.09	0.5481	540.3	0.22	2.8499	864.235	146.000
147.000	1.1995	154.0437	159.4418	2.0562	0.5219	3.4855	281.80	0.5344	505.3	0.18	3.2957	833.711	147.000
148.000	1.2618	157.8886	163.4858	2.0835	0.5417	4.8265	252.98	0.5218	462.3	0.14	4.2762	792.648	148.000
* 148.650	1.3312	161.3736	167.3641	2.1097	0.5632	7.6718	228.67	0.5199	423.8	0.09	6.2412	751.194	148.650
* 148.650	2.9499	197.4693	216.7934	2.4811	0.5878	11.3668	178.85	0.3497	198.6	0.09	6.1953	348.029	148.650
149.000	3.1158	199.7872	219.8072	2.4219	0.5780	7.4622	178.38	0.3188	185.8	0.13	4.4532	320.978	149.000
150.000	3.4483	203.8278	219.8361	2.4589	0.5384	4.3349	183.83	0.2638	176.8	0.21	2.9053	290.178	150.000
151.000	3.6835	206.5884	223.8766	2.4837	0.5169	3.2866	186.73	0.2428	172.5	0.27	2.3388	271.483	151.000
152.000	3.8795	208.5936	226.0611	2.5035	0.5062	2.7193	189.92	0.2286	169.8	0.33	2.0252	257.768	152.000
153.000	4.0518	210.3566	228.5882	2.5200	0.4961	2.3628	192.78	0.2179	167.8	0.37	1.8196	246.855	153.000
154.000	4.2057	211.8857	230.8115	2.5345	0.4744	2.1125	195.42	0.2101	166.4	0.42	1.6731	237.771	154.000
155.000	4.3483	213.2594	232.8259	2.5478	0.4639	1.9255	197.87	0.2038	165.3	0.46	1.5618	229.973	155.000
156.000	4.4815	214.5898	234.6766	2.5598	0.4546	1.7796	200.18	0.1986	164.5	0.50	1.4748	223.142	156.000
157.000	4.6078	215.8629	236.3943	2.5708	0.4463	1.6619	202.37	0.1943	163.9	0.54	1.4019	217.061	157.000
158.000	4.7282	216.7378	238.0059	2.5806	0.4388	1.5656	204.46	0.1905	163.5	0.58	1.3432	211.585	158.000
159.000	4.8443	217.7476	239.5289	2.5904	0.4321	1.4832	206.46	0.1873	163.2	0.61	1.2923	206.599	159.000
160.000	4.9499	218.7815	240.9768	2.5994	0.4258	1.4133	208.39	0.1844	162.9	0.65	1.2486	202.025	160.000
161.000	5.0555	219.6086	242.3586	2.6079	0.4200	1.3538	210.24	0.1819	162.8	0.68	1.2109	197.803	161.000
162.000	5.1577	220.4745	243.6843	2.6162	0.4145	1.2999	212.03	0.1796	162.8	0.71	1.1783	193.884	162.000
163.000	5.2571	221.3039	244.9607	2.6242	0.4098	1.2531	213.77	0.1776	162.8	0.75	1.1487	190.228	163.000
164.000	5.3535	222.1014	246.1923	2.6317	0.4050	1.2113	215.45	0.1758	162.8	0.78	1.1218	186.793	164.000
165.000	5.4477	222.8696	247.3841	2.6389	0.4008	1.1748	217.09	0.1742	162.9	0.81	1.0979	183.565	165.000
166.000	5.5395	223.6133	248.5411	2.6459	0.3968	1.1402	218.69	0.1727	163.1	0.84	1.0768	180.521	166.000
167.000	5.6293	224.3336	249.6655	2.6527	0.3930	1.1094	220.24	0.1714	163.3	0.87	1.0578	177.641	167.000
168.000	5.7174	225.0324	250.7607	2.6592	0.3895	1.0817	221.76	0.1702	163.6	0.90	1.0391	174.904	168.000
169.000	5.8038	225.7121	251.8294	2.6655	0.3863	1.0561	223.25	0.1691	163.8	0.93	1.0230	172.300	169.000
170.000	5.8886	226.3749	252.8737	2.6717	0.3833	1.0326	224.70	0.1681	164.0	0.96	1.0074	169.819	170.000
171.000	5.9721	227.0202	253.8945	2.6777	0.3806	1.0108	226.12	0.1671	164.3	0.99	0.9939	167.446	171.000
172.000	6.0541	227.6518	254.8953	2.6835	0.3772	0.9905	227.51	0.1663	164.7	1.02	0.9810	165.177	172.000
173.000	6.1348	228.2697	255.8764	2.6892	0.3747	0.9720	228.87	0.1656	165.0	1.05	0.9686	163.004	173.000

THERMODYNAMIC PROPERTIES OF ARGON

45.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
174.000	6.2145	228.8745	256.8396	2.6948	0.3722	0.9547	230.21	0.1649	165.4	1.07	0.9576	160.915	174.000
176.000	6.2931	229.4673	257.7861	2.7000	0.3697	0.9385	231.53	0.1642	165.7	1.10	0.9476	158.985	176.000
176.000	6.3706	230.0490	258.7160	2.7055	0.3675	0.9232	232.82	0.1637	166.1	1.13	0.9367	156.972	176.000
177.000	6.4472	230.6201	259.6325	2.7105	0.3655	0.9089	234.09	0.1632	166.6	1.16	0.9279	155.106	177.000
178.000	6.5228	231.1823	260.5349	2.7150	0.3635	0.8957	235.34	0.1627	167.0	1.18	0.9193	153.308	178.000
179.000	6.5978	231.7342	261.4241	2.7205	0.3615	0.8831	236.57	0.1623	167.4	1.21	0.9109	151.567	179.000
180.000	6.6716	232.2787	262.3010	2.7255	0.3595	0.8714	237.78	0.1620	167.9	1.24	0.9031	149.889	180.000
181.000	6.7450	232.8146	263.1669	2.7303	0.3577	0.8601	238.97	0.1617	168.3	1.27	0.8952	148.259	181.000
182.000	6.8175	233.3424	264.0212	2.7351	0.3562	0.8496	240.14	0.1614	168.8	1.30	0.8886	146.681	182.000
183.000	6.8892	233.8645	264.8658	2.7396	0.3545	0.8396	241.30	0.1611	169.3	1.32	0.8823	145.155	183.000
184.000	6.9604	234.3784	265.7004	2.7443	0.3530	0.8301	242.44	0.1609	169.7	1.35	0.8755	143.669	184.000
185.000	7.0310	234.8861	266.5257	2.7486	0.3515	0.8211	243.57	0.1608	170.2	1.38	0.8691	142.227	185.000
186.000	7.1010	235.3877	267.3423	2.7531	0.3502	0.8123	244.68	0.1606	170.7	1.40	0.8634	140.825	186.000
187.000	7.1704	235.8838	268.1506	2.7573	0.3490	0.8043	245.78	0.1605	171.2	1.43	0.8579	139.462	187.000
188.000	7.2392	236.3741	268.9506	2.7616	0.3477	0.7965	246.87	0.1604	171.7	1.46	0.8527	138.136	188.000
189.000	7.3075	236.8597	269.7434	2.7658	0.3465	0.7890	247.94	0.1604	172.3	1.49	0.8476	136.846	189.000
190.000	7.3753	237.3398	270.5287	2.7701	0.3452	0.7820	249.00	0.1603	172.8	1.51	0.8430	135.588	190.000
191.000	7.4426	237.8154	271.3072	2.7741	0.3439	0.7753	250.05	0.1603	173.3	1.54	0.8381	134.361	191.000
192.000	7.5094	238.2867	272.0789	2.7781	0.3429	0.7687	251.08	0.1603	173.9	1.57	0.8340	133.167	192.000
193.000	7.5760	238.7528	272.8447	2.7821	0.3419	0.7625	252.11	0.1604	174.4	1.59	0.8298	131.996	193.000
194.000	7.6419	239.2157	273.6042	2.7861	0.3409	0.7565	253.12	0.1604	174.9	1.62	0.8249	130.858	194.000
195.000	7.7075	239.6738	274.3577	2.7899	0.3399	0.7507	254.12	0.1605	175.5	1.65	0.8209	129.743	195.000
196.000	7.7726	240.1288	275.1056	2.7939	0.3392	0.7455	255.12	0.1606	176.0	1.67	0.8170	128.657	196.000
197.000	7.8376	240.5793	275.8486	2.7976	0.3382	0.7402	256.10	0.1607	176.6	1.70	0.8136	127.598	197.000
198.000	7.9019	241.0273	276.5866	2.8014	0.3374	0.7352	257.07	0.1608	177.2	1.73	0.8102	126.551	198.000
199.000	7.9661	241.4715	277.3188	2.8049	0.3367	0.7302	258.04	0.1609	177.7	1.76	0.8064	125.533	199.000
200.000	8.0299	241.9117	278.0464	2.8087	0.3357	0.7254	258.99	0.1611	178.3	1.78	0.8029	124.534	200.000
202.000	8.1596	242.7785	279.4938	2.8159	0.3344	0.7167	260.88	0.1614	179.4	1.84	0.7966	122.564	202.000
204.000	8.2843	243.6398	280.9189	2.8229	0.3329	0.7084	262.73	0.1618	180.6	1.89	0.7907	120.711	204.000
206.000	8.4084	244.4984	282.3288	2.8297	0.3317	0.7009	264.55	0.1622	181.7	1.95	0.7852	118.929	206.000
208.000	8.5316	245.3502	283.7223	2.8364	0.3304	0.6937	266.34	0.1627	182.9	2.00	0.7798	117.211	208.000
210.000	8.6537	246.1812	285.1029	2.8432	0.3294	0.6871	268.10	0.1632	184.1	2.06	0.7751	115.568	210.000
212.000	8.7747	246.9844	286.4706	2.8495	0.3284	0.6809	269.84	0.1637	185.3	2.11	0.7707	113.964	212.000
214.000	8.8951	247.7983	287.8262	2.8560	0.3274	0.6749	271.55	0.1643	186.5	2.17	0.7661	112.422	214.000
216.000	9.0146	248.6049	289.1704	2.8622	0.3267	0.6694	273.24	0.1648	187.7	2.22	0.7624	110.932	216.000
218.000	9.1336	249.4056	290.5039	2.8682	0.3257	0.6641	274.90	0.1654	188.9	2.27	0.7585	109.493	218.000
220.000	9.2511	250.1974	291.8274	2.8745	0.3249	0.6594	276.54	0.1661	190.1	2.33	0.7548	108.095	220.000
222.000	9.3681	250.9848	293.1413	2.8802	0.3242	0.6548	278.17	0.1667	191.3	2.39	0.7512	106.745	222.000
224.000	9.4845	251.7658	294.4463	2.8863	0.3237	0.6503	279.77	0.1674	192.5	2.44	0.7479	105.435	224.000
226.000	9.6002	252.5415	295.7425	2.8920	0.3229	0.6461	281.35	0.1680	193.7	2.50	0.7449	104.164	226.000
228.000	9.7153	253.3121	297.0311	2.8975	0.3224	0.6423	282.91	0.1687	194.9	2.55	0.7421	102.930	228.000
230.000	9.8298	254.0777	298.3118	2.9033	0.3217	0.6386	284.46	0.1694	196.1	2.61	0.7392	101.732	230.000
232.000	9.9438	254.8381	299.5852	2.9088	0.3212	0.6351	285.99	0.1701	197.4	2.66	0.7370	100.565	232.000
234.000	10.0573	255.5941	300.8518	2.9146	0.3207	0.6316	287.50	0.1708	198.6	2.72	0.7344	99.431	234.000
236.000	10.1700	256.3460	302.1120	2.9195	0.3204	0.6286	289.00	0.1716	199.8	2.78	0.7319	98.328	236.000

THERMODYNAMIC PROPERTIES OF ARGON

45.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
238.000	10.2824	257.0958	303.3659	2.9248	0.3199	0.6253	290.49	0.1723	201.1	2.83	0.7298	97.253	238.000
240.000	10.3943	257.8396	304.6137	2.9301	0.3194	0.6226	291.95	0.1730	202.3	2.89	0.7280	96.207	240.000
242.000	10.5066	258.5791	305.8559	2.9351	0.3192	0.6198	293.41	0.1738	203.5	2.95	0.7257	95.184	242.000
244.000	10.6189	259.3186	307.0927	2.9403	0.3187	0.6171	294.85	0.1745	204.7	3.00	0.7238	94.189	244.000
246.000	10.7275	260.0587	308.3243	2.9453	0.3184	0.6145	296.28	0.1753	206.0	3.06	0.7222	93.219	246.000
248.000	10.8375	260.7828	309.5509	2.9503	0.3182	0.6120	297.69	0.1761	207.2	3.12	0.7201	92.272	248.000
250.000	10.9475	261.5092	310.7726	2.9551	0.3177	0.6098	299.10	0.1769	208.4	3.18	0.7184	91.345	250.000
252.000	11.0568	262.2348	311.9903	2.9601	0.3174	0.6075	300.49	0.1776	209.7	3.23	0.7173	90.442	252.000
254.000	11.1658	262.9674	313.2034	2.9649	0.3172	0.6055	301.87	0.1784	210.9	3.29	0.7159	89.559	254.000
256.000	11.2744	263.6777	314.4125	2.9696	0.3169	0.6035	303.23	0.1792	212.1	3.35	0.7143	88.697	256.000
258.000	11.3831	264.3932	315.6178	2.9744	0.3167	0.6015	304.59	0.1800	213.4	3.41	0.7131	87.850	258.000
260.000	11.4907	265.1101	316.8183	2.9789	0.3164	0.5995	305.94	0.1808	214.6	3.47	0.7116	87.027	260.000
262.000	11.5988	265.8218	318.0157	2.9834	0.3162	0.5978	307.28	0.1816	215.8	3.52	0.7104	86.216	262.000
264.000	11.7062	266.5316	319.2095	2.9879	0.3159	0.5960	308.60	0.1824	217.0	3.58	0.7091	85.425	264.000
266.000	11.8134	267.2398	320.3997	2.9924	0.3159	0.5943	309.92	0.1832	218.3	3.64	0.7081	84.650	266.000
268.000	11.9203	267.9456	321.5868	2.9969	0.3157	0.5928	311.23	0.1841	219.5	3.70	0.7068	83.891	268.000
270.000	12.0268	268.6503	322.7708	3.0014	0.3154	0.5913	312.53	0.1849	220.7	3.76	0.7057	83.148	270.000
272.000	12.1329	269.3535	323.9514	3.0057	0.3154	0.5898	313.82	0.1857	221.9	3.82	0.7047	82.421	272.000
274.000	12.2391	270.0536	325.1294	3.0099	0.3152	0.5883	315.10	0.1865	223.2	3.88	0.7040	81.706	274.000
276.000	12.3447	270.7534	326.3044	3.0142	0.3149	0.5868	316.37	0.1873	224.4	3.94	0.7030	81.007	276.000
278.000	12.4503	271.4504	327.4767	3.0184	0.3149	0.5855	317.63	0.1882	225.6	4.00	0.7019	80.319	278.000
280.000	12.5558	272.1453	328.6465	3.0227	0.3147	0.5843	318.89	0.1890	226.8	4.06	0.7011	79.644	280.000
282.000	12.6606	272.8408	329.8135	3.0269	0.3147	0.5830	320.14	0.1898	228.0	4.12	0.7003	78.985	282.000
284.000	12.7658	273.5317	330.9780	3.0309	0.3144	0.5818	321.38	0.1906	229.2	4.18	0.6996	78.334	284.000
286.000	12.8702	274.2243	332.1403	3.0349	0.3144	0.5806	322.61	0.1915	230.5	4.25	0.6987	77.699	286.000
288.000	12.9749	274.9131	333.3003	3.0392	0.3144	0.5795	323.84	0.1923	231.7	4.31	0.6982	77.072	288.000
290.000	13.0793	275.6007	334.4578	3.0432	0.3142	0.5783	325.06	0.1932	232.9	4.37	0.6971	76.456	290.000
292.000	13.1833	276.2882	335.6133	3.0472	0.3142	0.5773	326.27	0.1940	234.1	4.43	0.6966	75.853	292.000
294.000	13.2869	276.9752	336.7663	3.0510	0.3139	0.5762	327.47	0.1948	235.3	4.49	0.6961	75.262	294.000
296.000	13.3907	277.6597	337.9178	3.0550	0.3139	0.5752	328.67	0.1957	236.5	4.56	0.6952	74.679	296.000
298.000	13.4939	278.3445	339.0676	3.0587	0.3139	0.5742	329.86	0.1965	237.7	4.62	0.6948	74.108	298.000
300.000	13.5973	279.0269	340.2145	3.0627	0.3137	0.5732	331.04	0.1973	238.9	4.68	0.6941	73.544	300.000
302.000	13.7007	279.7069	341.3588	3.0665	0.3137	0.5722	332.22	0.1982	240.1	4.75	0.6932	72.989	302.000
304.000	13.8034	280.3882	342.5037	3.0702	0.3137	0.5715	333.39	0.1990	241.3	4.81	0.6930	72.446	304.000
306.000	13.9062	281.0678	343.6457	3.0740	0.3137	0.5705	334.56	0.1999	242.5	4.87	0.6921	71.918	306.000
308.000	14.0089	281.7458	344.7859	3.0778	0.3134	0.5697	335.72	0.2007	243.7	4.93	0.6918	71.383	308.000
310.000	14.1116	282.4223	345.9244	3.0813	0.3134	0.5690	336.87	0.2016	244.8	5.00	0.6909	70.864	310.000
312.000	14.2142	283.0977	347.0614	3.0850	0.3134	0.5680	338.02	0.2024	246.0	5.07	0.6903	70.352	312.000
314.000	14.3158	283.7759	348.1969	3.0885	0.3134	0.5672	339.16	0.2032	247.2	5.13	0.6901	69.853	314.000
316.000	14.4186	284.4498	349.3309	3.0923	0.3132	0.5665	340.30	0.2041	248.4	5.19	0.6894	69.358	316.000
318.000	14.5206	285.1229	350.4631	3.0958	0.3132	0.5657	341.43	0.2049	249.6	5.26	0.6892	68.870	318.000
320.000	14.6218	285.7959	351.5941	3.0993	0.3132	0.5652	342.56	0.2058	250.8	5.32	0.6888	68.391	320.000
322.000	14.7233	286.4687	352.7236	3.1028	0.3132	0.5645	343.68	0.2066	251.9	5.39	0.6883	67.920	322.000
324.000	14.8253	287.1378	353.8517	3.1063	0.3132	0.5637	344.80	0.2075	253.1	5.46	0.6876	67.452	324.000
326.000	14.9261	287.8113	354.9787	3.1098	0.3132	0.5630	345.91	0.2083	254.3	5.52	0.6873	66.997	326.000

THERMODYNAMIC PROPERTIES OF ARGON

45.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
328.000	15.0273	288.4812	358.1842	3.1133	0.3129	0.5625	347.01	0.2092	255.4	5.59	0.6867	66.545	328.000
330.000	15.1291	289.1476	357.2284	3.1166	0.3129	0.5617	348.11	0.2100	256.6	5.66	0.6864	66.098	330.000
332.000	15.2303	289.8149	358.3513	3.1201	0.3129	0.5612	349.21	0.2108	257.8	5.72	0.6864	65.659	332.000
334.000	15.3311	290.4836	359.4733	3.1233	0.3129	0.5607	350.30	0.2117	258.9	5.79	0.6857	65.227	334.000
336.000	15.4322	291.1492	360.5948	3.1268	0.3129	0.5600	351.38	0.2125	260.1	5.86	0.6854	64.800	336.000
338.000	15.5327	291.8159	361.7132	3.1301	0.3129	0.5595	352.47	0.2134	261.3	5.92	0.6851	64.380	338.000
340.000	15.6326	292.4848	362.8317	3.1333	0.3129	0.5590	353.54	0.2142	262.4	5.99	0.6848	63.969	340.000
342.000	15.7338	293.1468	363.9491	3.1366	0.3129	0.5585	354.62	0.2150	263.6	6.06	0.6847	63.557	342.000
344.000	15.8344	293.8187	365.0653	3.1398	0.3127	0.5577	355.68	0.2159	264.7	6.13	0.6838	63.154	344.000
346.000	15.9341	294.4766	366.1803	3.1431	0.3127	0.5572	356.76	0.2167	265.9	6.20	0.6837	62.758	346.000
348.000	16.0342	295.1467	367.2945	3.1463	0.3127	0.5567	357.81	0.2176	267.0	6.27	0.6831	62.367	348.000
350.000	16.1344	295.8028	368.4077	3.1496	0.3127	0.5562	358.86	0.2184	268.2	6.34	0.6831	61.979	350.000
352.000	16.2349	296.4688	369.5199	3.1528	0.3127	0.5560	359.91	0.2192	269.3	6.40	0.6830	61.596	352.000
354.000	16.3344	297.1268	370.6310	3.1559	0.3127	0.5555	360.96	0.2201	270.4	6.47	0.6824	61.220	354.000
356.000	16.4342	297.7874	371.7412	3.1591	0.3127	0.5550	362.00	0.2209	271.6	6.54	0.6823	60.849	356.000
358.000	16.5340	298.4475	372.8507	3.1621	0.3127	0.5545	363.04	0.2218	272.7	6.61	0.6817	60.481	358.000
360.000	16.6329	299.1118	373.9591	3.1651	0.3127	0.5540	364.08	0.2226	273.9	6.68	0.6816	60.122	360.000
362.000	16.7330	299.7684	375.0668	3.1684	0.3127	0.5537	365.11	0.2234	275.0	6.75	0.6816	59.762	362.000
364.000	16.8320	300.4297	376.1737	3.1714	0.3127	0.5532	366.13	0.2243	276.1	6.82	0.6810	59.411	364.000
366.000	16.9322	301.0846	377.2794	3.1744	0.3127	0.5527	367.16	0.2251	277.2	6.90	0.6806	59.059	366.000
368.000	17.0313	301.7448	378.3846	3.1774	0.3127	0.5525	368.18	0.2259	278.4	6.96	0.6809	58.716	368.000
370.000	17.1303	302.4026	379.4891	3.1804	0.3127	0.5520	369.19	0.2268	279.5	7.04	0.6802	58.376	370.000
372.000	17.2294	303.0604	380.5925	3.1834	0.3124	0.5515	370.21	0.2276	280.6	7.11	0.6799	58.040	372.000
374.000	17.3284	303.7176	381.6952	3.1864	0.3124	0.5512	371.21	0.2284	281.7	7.18	0.6798	57.709	374.000
376.000	17.4273	304.3746	382.7974	3.1891	0.3124	0.5507	372.22	0.2292	282.8	7.25	0.6795	57.381	376.000
378.000	17.5261	305.0311	383.8986	3.1921	0.3124	0.5505	373.22	0.2301	284.0	7.33	0.6794	57.058	378.000
380.000	17.6248	305.6875	384.9992	3.1952	0.3124	0.5502	374.22	0.2309	285.1	7.40	0.6794	56.738	380.000
382.000	17.7234	306.3436	386.0989	3.1979	0.3124	0.5497	375.21	0.2317	286.2	7.47	0.6790	56.423	382.000
384.000	17.8221	306.9941	387.1981	3.2009	0.3124	0.5495	376.21	0.2325	287.3	7.54	0.6790	56.107	384.000
386.000	17.9214	307.6504	388.2965	3.2037	0.3124	0.5490	377.19	0.2334	288.4	7.62	0.6783	55.799	386.000
388.000	18.0194	308.3072	389.3944	3.2064	0.3124	0.5487	378.18	0.2342	289.5	7.69	0.6783	55.496	388.000
390.000	18.1185	308.9583	390.4916	3.2094	0.3124	0.5485	379.16	0.2350	290.6	7.76	0.6782	55.192	390.000
392.000	18.2161	309.6159	391.5883	3.2122	0.3124	0.5482	380.14	0.2358	291.7	7.84	0.6782	54.897	392.000
394.000	18.3147	310.2678	392.6846	3.2149	0.3124	0.5477	381.11	0.2367	292.8	7.91	0.6775	54.601	394.000
396.000	18.4130	310.9287	393.7794	3.2177	0.3124	0.5475	382.08	0.2375	293.9	7.99	0.6775	54.309	396.000
398.000	18.5111	311.5742	394.8741	3.2204	0.3124	0.5472	383.05	0.2383	295.0	8.06	0.6774	54.022	398.000
400.000	18.6102	312.2222	395.9680	3.2232	0.3124	0.5470	384.02	0.2391	296.1	8.14	0.6774	53.734	400.000

THERMODYNAMIC PROPERTIES OF ARGON

50.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
86.000	0.7051	70.8904	74.4248	1.3270	0.7986	1.3012	719.22	1.3397	2862.0	0.73	2.7797	1418.282	86.000
87.000	0.7081	72.1706	75.7112	1.3417	0.7845	1.2789	723.54	1.3213	2776.5	0.74	2.6706	1412.198	87.000
88.000	0.7112	73.4122	76.9681	1.3563	0.7345	1.2449	727.32	1.3036	2695.2	0.74	2.5738	1406.142	88.000
89.000	0.7142	74.6364	78.2017	1.3703	0.7077	1.2231	730.81	1.2864	2617.7	0.75	2.4889	1400.074	89.000
90.000	0.7174	75.8387	79.4175	1.3838	0.6839	1.2046	732.59	1.2696	2543.6	0.76	2.4133	1393.993	90.000
91.000	0.7205	77.0873	80.6898	1.3968	0.6624	1.1893	734.43	1.2534	2473.1	0.76	2.3466	1387.933	91.000
92.000	0.7237	78.1781	81.7966	1.4098	0.6433	1.1763	735.37	1.2375	2405.2	0.76	2.2862	1381.869	92.000
93.000	0.7269	79.3323	82.9669	1.4226	0.6263	1.1656	735.79	1.2220	2340.3	0.76	2.2331	1375.681	93.000
94.000	0.7302	80.4769	84.1279	1.4349	0.6108	1.1575	735.64	1.2068	2277.9	0.76	2.1849	1369.517	94.000
95.000	0.7335	81.6139	85.2814	1.4471	0.5970	1.1507	734.97	1.1920	2218.1	0.76	2.1413	1363.333	95.000
96.000	0.7369	82.7445	86.4288	1.4591	0.5848	1.1457	733.72	1.1774	2160.4	0.76	2.1023	1357.094	96.000
97.000	0.7403	83.8716	87.5731	1.4712	0.5735	1.1420	732.00	1.1631	2104.7	0.75	2.0665	1350.814	97.000
98.000	0.7438	84.9949	88.7138	1.4827	0.5635	1.1392	729.88	1.1491	2051.1	0.75	2.0336	1344.486	98.000
99.000	0.7473	86.1162	89.8528	1.4942	0.5542	1.1377	727.14	1.1353	1999.3	0.75	2.0036	1338.102	99.000
100.000	0.7509	87.2364	90.9918	1.5057	0.5460	1.1372	724.17	1.1217	1949.3	0.74	1.9763	1331.679	100.000
101.000	0.7546	88.3535	92.1285	1.5170	0.5384	1.1372	720.88	1.1083	1901.0	0.74	1.9506	1325.199	101.000
102.000	0.7583	89.4720	93.2645	1.5282	0.5314	1.1382	717.18	1.0951	1854.2	0.73	1.9272	1318.663	102.000
103.000	0.7622	90.5930	94.4037	1.5393	0.5252	1.1397	713.13	1.0821	1808.9	0.72	1.9052	1312.076	103.000
104.000	0.7660	91.7145	95.5447	1.5505	0.5194	1.1420	708.86	1.0692	1765.1	0.72	1.8853	1305.421	104.000
105.000	0.7700	92.8388	96.6879	1.5613	0.5142	1.1445	704.36	1.0565	1722.6	0.71	1.8661	1298.718	105.000
106.000	0.7740	93.9638	97.8339	1.5723	0.5092	1.1475	699.59	1.0439	1681.3	0.70	1.8481	1291.938	106.000
107.000	0.7781	95.0925	98.9832	1.5831	0.5047	1.1512	694.65	1.0314	1641.3	0.70	1.8320	1285.111	107.000
108.000	0.7823	96.2247	100.1364	1.5938	0.5004	1.1553	689.58	1.0191	1602.4	0.69	1.8165	1278.212	108.000
109.000	0.7866	97.3605	101.2937	1.6043	0.4964	1.1595	684.11	1.0069	1564.6	0.68	1.8017	1271.233	109.000
110.000	0.7910	98.5016	102.4567	1.6151	0.4929	1.1643	678.55	0.9948	1527.9	0.68	1.7882	1264.194	110.000
111.000	0.7955	99.6458	103.6232	1.6258	0.4894	1.1695	672.84	0.9828	1492.2	0.67	1.7757	1257.088	111.000
112.000	0.8001	100.7947	104.7958	1.6361	0.4864	1.1758	666.93	0.9708	1457.5	0.66	1.7641	1249.901	112.000
113.000	0.8047	101.9493	105.9736	1.6466	0.4834	1.1818	660.86	0.9590	1423.6	0.65	1.7532	1242.635	113.000
114.000	0.8095	103.1077	107.1563	1.6569	0.4806	1.1873	654.66	0.9472	1390.7	0.65	1.7432	1235.300	114.000
115.000	0.8144	104.2758	108.3471	1.6674	0.4779	1.1938	648.27	0.9355	1358.6	0.64	1.7337	1227.874	115.000
116.000	0.8194	105.4468	109.5439	1.6777	0.4756	1.2011	641.72	0.9239	1327.2	0.63	1.7253	1220.359	116.000
117.000	0.8246	106.6264	110.7492	1.6879	0.4734	1.2086	634.99	0.9123	1296.6	0.62	1.7177	1212.753	117.000
118.000	0.8298	107.8131	111.9623	1.6985	0.4711	1.2166	628.12	0.9008	1266.7	0.61	1.7108	1205.052	118.000
119.000	0.8352	109.0064	113.1826	1.7087	0.4691	1.2253	621.08	0.8893	1237.5	0.61	1.7051	1197.258	119.000
120.000	0.8406	110.2087	114.4127	1.7190	0.4674	1.2344	613.86	0.8778	1209.0	0.60	1.7001	1189.348	120.000
121.000	0.8465	111.4188	115.6513	1.7292	0.4656	1.2444	606.43	0.8663	1181.0	0.59	1.6964	1181.322	121.000
122.000	0.8524	112.6398	116.9017	1.7395	0.4641	1.2549	598.86	0.8549	1153.6	0.58	1.6933	1173.189	122.000
123.000	0.8584	113.8785	118.1626	1.7498	0.4629	1.2661	591.10	0.8435	1126.8	0.57	1.6914	1164.924	123.000
124.000	0.8647	115.1118	119.4343	1.7600	0.4616	1.2782	583.14	0.8320	1100.5	0.56	1.6906	1156.527	124.000
125.000	0.8711	116.3632	120.7187	1.7706	0.4603	1.2912	574.98	0.8206	1074.6	0.55	1.6908	1147.978	125.000
126.000	0.8777	117.6284	122.0171	1.7808	0.4596	1.3052	566.61	0.8091	1049.2	0.54	1.6925	1139.277	126.000
127.000	0.8846	118.9067	123.3298	1.7911	0.4586	1.3205	558.04	0.7976	1024.2	0.53	1.6956	1130.417	127.000
128.000	0.8918	120.2002	124.6590	1.8016	0.4581	1.3370	549.23	0.7860	999.6	0.52	1.7003	1121.384	128.000
129.000	0.8992	121.5086	126.0045	1.8121	0.4576	1.3548	540.20	0.7744	975.4	0.51	1.7064	1112.124	129.000
130.000	0.9069	122.8349	127.3693	1.8226	0.4571	1.3743	530.92	0.7627	951.4	0.50	1.7143	1102.677	130.000

THERMODYNAMIC PROPERTIES OF ARGON

50.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
131.000	0.9149	124.1785	128.7531	1.8331	0.4571	1.3956	521.38	0.7509	927.7	0.49	1.7242	1092.989	131.000
132.000	0.9233	125.5437	130.1082	1.8439	0.4571	1.4186	511.59	0.7398	904.3	0.48	1.7359	1083.062	132.000
133.000	0.9321	126.9316	131.5921	1.8547	0.4573	1.4441	501.58	0.7271	881.1	0.47	1.7500	1072.848	133.000
134.000	0.9413	128.3426	133.0492	1.8657	0.4578	1.4724	491.13	0.7150	858.1	0.46	1.7671	1062.341	134.000
135.000	0.9510	129.7815	134.5367	1.8767	0.4583	1.5035	480.44	0.7028	835.2	0.44	1.7867	1051.495	135.000
136.000	0.9613	131.2589	136.0674	1.8880	0.4593	1.5382	469.42	0.6905	812.4	0.43	1.8098	1040.274	136.000
137.000	0.9722	132.7541	137.6149	1.8992	0.4606	1.5771	458.05	0.6781	789.6	0.42	1.8364	1028.637	137.000
138.000	0.9837	134.2948	139.2135	1.9110	0.4621	1.6211	446.28	0.6656	766.8	0.40	1.8676	1016.529	138.000
139.000	0.9961	135.8782	140.8589	1.9227	0.4639	1.6709	434.10	0.6529	744.0	0.39	1.9041	1003.885	139.000
140.000	1.0095	137.5103	142.5576	1.9350	0.4661	1.7282	421.46	0.6401	721.0	0.37	1.9467	990.631	140.000
141.000	1.0239	139.1989	144.3184	1.9475	0.4686	1.7948	408.33	0.6273	697.7	0.36	1.9963	976.669	141.000
142.000	1.0396	140.9536	146.1517	1.9605	0.4719	1.8734	394.63	0.6144	674.1	0.34	2.0555	961.872	142.000
143.000	1.0570	142.7868	148.0710	1.9741	0.4756	1.9673	380.30	0.6014	650.1	0.32	2.1266	946.085	143.000
144.000	1.0763	144.7121	150.0936	1.9881	0.4801	2.0827	365.24	0.5885	625.4	0.30	2.2133	929.103	144.000
145.000	1.0982	146.7556	152.2464	2.0029	0.4854	2.2281	349.31	0.5755	599.8	0.28	2.3222	910.615	145.000
146.000	1.1233	148.9486	154.5647	2.0189	0.4919	2.4191	332.33	0.5625	573.1	0.26	2.4647	890.201	146.000
147.000	1.1532	151.3436	157.1098	2.0361	0.4999	2.6835	314.00	0.5496	544.7	0.24	2.6596	867.163	147.000
148.000	1.1899	154.0256	159.9747	2.0557	0.5102	3.0818	293.91	0.5365	513.7	0.21	2.9501	840.374	148.000
149.000	1.2384	157.1715	163.3634	2.0785	0.5239	3.7671	271.26	0.5236	478.4	0.17	3.4419	807.613	149.000
150.000	1.3110	161.2228	167.7776	2.1088	0.5446	5.3214	244.12	0.5121	435.8	0.13	4.6282	762.795	150.000
151.000	1.4757	168.3851	175.7635	2.1611	0.5848	14.1818	206.24	0.5243	384.2	0.05	9.7957	677.656	151.000
152.000	2.5613	194.8926	206.8996	2.3666	0.5863	11.4742	181.27	0.3822	211.0	0.09	6.3345	398.432	152.000
153.000	2.9362	199.8825	214.5637	2.4169	0.5502	5.5520	185.79	0.3077	194.7	0.16	3.5131	340.573	153.000
154.000	3.1833	203.2802	219.1976	2.4472	0.5264	3.9446	189.43	0.2782	187.3	0.22	2.8758	314.135	154.000
155.000	3.3666	205.8891	222.7123	2.4700	0.5082	3.1621	192.59	0.2568	182.8	0.27	2.2569	295.803	155.000
156.000	3.5106	207.8787	225.6206	2.4885	0.4931	2.6898	195.45	0.2431	179.7	0.32	1.9877	281.689	156.000
157.000	3.7011	209.6356	228.1403	2.5048	0.4804	2.3663	198.07	0.2326	177.4	0.36	1.8063	270.192	157.000
158.000	3.8398	211.1963	230.3852	2.5196	0.4694	2.1343	200.52	0.2243	175.6	0.40	1.6769	260.485	158.000
159.000	3.9669	212.5917	232.4264	2.5318	0.4596	1.9556	202.83	0.2174	174.3	0.44	1.5675	252.684	159.000
160.000	4.0869	213.8729	234.3976	2.5436	0.4508	1.8129	205.03	0.2117	173.2	0.48	1.4832	244.682	160.000
161.000	4.2005	215.0578	236.2884	2.5546	0.4431	1.6978	207.12	0.2068	172.4	0.51	1.4147	238.066	161.000
162.000	4.3087	216.1638	237.7875	2.5648	0.4358	1.6083	209.12	0.2025	171.7	0.55	1.3569	232.086	162.000
163.000	4.4124	217.2034	239.2055	2.5743	0.4293	1.5185	211.04	0.1987	171.2	0.58	1.3083	226.633	163.000
164.000	4.5122	218.1874	240.7482	2.5834	0.4233	1.4479	212.90	0.1954	170.8	0.61	1.2656	221.624	164.000
165.000	4.6085	219.1220	242.1846	2.5921	0.4178	1.3866	214.70	0.1925	170.5	0.64	1.2281	216.990	165.000
166.000	4.7017	220.0149	243.5236	2.6001	0.4126	1.3327	216.44	0.1898	170.3	0.67	1.1958	212.687	166.000
167.000	4.7924	220.8703	244.8323	2.6081	0.4078	1.2849	218.13	0.1875	170.2	0.70	1.1664	208.664	167.000
168.000	4.8806	221.6928	246.0949	2.6157	0.4035	1.2424	219.77	0.1853	170.2	0.73	1.1411	204.893	168.000
169.000	4.9666	222.4849	247.3177	2.6229	0.3993	1.2041	221.37	0.1834	170.1	0.76	1.1187	201.346	169.000
170.000	5.0507	223.2505	248.5038	2.6299	0.3955	1.1693	222.93	0.1816	170.2	0.78	1.0959	197.994	170.000
171.000	5.1329	223.9929	249.6573	2.6367	0.3918	1.1377	224.45	0.1800	170.3	0.81	1.0764	194.822	171.000
172.000	5.2135	224.7133	250.7808	2.6432	0.3883	1.1089	225.94	0.1786	170.4	0.84	1.0588	191.816	172.000
173.000	5.2926	225.4136	251.8762	2.6494	0.3850	1.0827	227.39	0.1773	170.6	0.87	1.0417	188.946	173.000
174.000	5.3702	226.0954	252.9463	2.6557	0.3820	1.0584	228.81	0.1760	170.8	0.89	1.0271	186.214	174.000
175.000	5.4465	226.7611	253.9934	2.6617	0.3792	1.0358	230.21	0.1749	171.0	0.92	1.0127	183.605	175.000

THERMODYNAMIC PROPERTIES OF ARGON

50.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
176.000	5.5217	227.4898	255.0182	2.6675	0.3765	1.0151	231.58	0.1739	171.2	0.95	0.9993	181.104	176.000
177.000	5.5956	228.0455	256.0236	2.6732	0.3746	0.9958	232.92	0.1738	171.5	0.97	0.9872	178.711	177.000
178.000	5.6686	228.6009	257.0089	2.6787	0.3716	0.9778	234.24	0.1722	171.8	1.00	0.9755	176.418	178.000
179.000	5.7406	229.2758	257.9739	2.6842	0.3692	0.9610	235.53	0.1714	172.1	1.02	0.9649	174.197	179.000
180.000	5.8115	229.8742	258.9318	2.6895	0.3670	0.9452	236.81	0.1707	172.4	1.05	0.9546	172.072	180.000
181.000	5.8817	230.4613	259.8698	2.6948	0.3650	0.9305	238.06	0.1701	172.8	1.08	0.9452	170.019	181.000
182.000	5.9511	231.0372	260.7925	2.6998	0.3630	0.9164	239.29	0.1695	173.2	1.10	0.9364	168.037	182.000
183.000	6.0196	231.6044	261.7025	2.7048	0.3610	0.9034	240.51	0.1690	173.5	1.13	0.9275	166.124	183.000
184.000	6.0874	232.1627	262.5998	2.7098	0.3592	0.8912	241.70	0.1686	173.9	1.15	0.9192	164.274	184.000
185.000	6.1544	232.7128	263.4850	2.7145	0.3575	0.8794	242.88	0.1682	174.3	1.18	0.9113	162.484	185.000
186.000	6.2208	233.2549	264.3589	2.7193	0.3560	0.8684	244.04	0.1678	174.8	1.20	0.9046	160.751	186.000
187.000	6.2866	233.7886	265.2215	2.7238	0.3542	0.8579	245.18	0.1675	175.2	1.23	0.8973	159.069	187.000
188.000	6.3518	234.3155	266.0746	2.7283	0.3527	0.8481	246.32	0.1672	175.6	1.25	0.8907	157.435	188.000
189.000	6.4163	234.8365	266.9180	2.7328	0.3515	0.8386	247.43	0.1670	176.1	1.28	0.8843	155.853	189.000
190.000	6.4804	235.3500	267.7521	2.7373	0.3500	0.8296	248.53	0.1668	176.5	1.30	0.8778	154.311	190.000
191.000	6.5439	235.8577	268.5774	2.7416	0.3487	0.8211	249.62	0.1666	177.0	1.33	0.8723	152.813	191.000
192.000	6.6070	236.3595	269.3944	2.7458	0.3475	0.8131	250.69	0.1664	177.5	1.35	0.8673	151.365	192.000
193.000	6.6695	236.8561	270.2035	2.7501	0.3462	0.8053	251.76	0.1663	177.9	1.38	0.8615	149.937	193.000
194.000	6.7315	237.3474	271.0051	2.7541	0.3452	0.7978	252.81	0.1662	178.4	1.40	0.8563	148.555	194.000
195.000	6.7931	237.8339	271.7993	2.7583	0.3439	0.7908	253.84	0.1662	178.9	1.43	0.8512	147.208	195.000
196.000	6.8543	238.3152	272.5866	2.7623	0.3429	0.7840	254.87	0.1662	179.4	1.45	0.8463	145.894	196.000
197.000	6.9151	238.7920	273.3674	2.7663	0.3419	0.7775	255.89	0.1661	179.9	1.48	0.8421	144.612	197.000
198.000	6.9754	239.2650	274.1419	2.7701	0.3409	0.7713	256.89	0.1661	180.4	1.50	0.8377	143.361	198.000
199.000	7.0354	239.7333	274.9101	2.7741	0.3399	0.7652	257.89	0.1662	180.9	1.53	0.8329	142.139	199.000
200.000	7.0952	240.1967	275.6726	2.7779	0.3392	0.7597	258.87	0.1662	181.5	1.55	0.8297	140.941	200.000
202.000	7.2152	241.1182	277.1863	2.7854	0.3374	0.7487	260.81	0.1664	182.5	1.60	0.8212	138.596	202.000
204.000	7.3323	242.0117	278.6783	2.7929	0.3359	0.7387	262.72	0.1666	183.6	1.65	0.8141	136.382	204.000
206.000	7.4479	242.9019	280.1417	2.7999	0.3344	0.7294	264.59	0.1669	184.7	1.70	0.8072	134.285	206.000
208.000	7.5626	243.7795	281.5918	2.8069	0.3332	0.7209	266.42	0.1672	185.8	1.75	0.8011	132.232	208.000
210.000	7.6761	244.6447	283.0252	2.8139	0.3319	0.7129	268.23	0.1676	186.9	1.80	0.7950	130.274	210.000
212.000	7.7886	245.5003	284.4433	2.8204	0.3307	0.7054	270.01	0.1680	188.0	1.85	0.7894	128.393	212.000
214.000	7.9002	246.3459	285.8468	2.8272	0.3297	0.6984	271.76	0.1684	189.1	1.90	0.7843	126.579	214.000
216.000	8.0107	247.1836	287.2369	2.8337	0.3287	0.6918	273.49	0.1689	190.2	1.96	0.7789	124.834	216.000
218.000	8.1206	248.0112	288.6142	2.8399	0.3277	0.6856	275.19	0.1694	191.4	2.01	0.7747	123.144	218.000
220.000	8.2295	248.8319	289.9795	2.8462	0.3267	0.6796	276.88	0.1699	192.6	2.06	0.7704	121.514	220.000
222.000	8.3378	249.6445	291.3335	2.8522	0.3259	0.6744	278.52	0.1705	193.7	2.11	0.7661	119.936	222.000
224.000	8.4452	250.4505	292.6767	2.8582	0.3252	0.6691	280.15	0.1711	194.9	2.16	0.7622	118.410	224.000
226.000	8.5520	251.2500	294.0099	2.8642	0.3244	0.6641	281.76	0.1717	196.0	2.21	0.7581	116.932	226.000
228.000	8.6582	252.0428	295.3337	2.8700	0.3237	0.6596	283.36	0.1723	197.2	2.26	0.7549	115.498	228.000
230.000	8.7637	252.8303	296.6486	2.8757	0.3232	0.6554	284.93	0.1729	198.4	2.31	0.7520	114.107	230.000
232.000	8.8686	253.6118	297.9548	2.8815	0.3224	0.6511	286.49	0.1735	199.6	2.36	0.7490	112.757	232.000
234.000	8.9732	254.3878	299.2530	2.8870	0.3219	0.6471	288.03	0.1742	200.8	2.42	0.7459	111.443	234.000
236.000	9.0770	255.1587	300.5437	2.8925	0.3214	0.6433	289.55	0.1749	202.0	2.47	0.7430	110.169	236.000
238.000	9.1802	255.9259	301.8268	2.8980	0.3209	0.6398	291.06	0.1755	203.2	2.52	0.7408	108.930	238.000
240.000	9.2830	256.6883	303.1033	2.9033	0.3204	0.6366	292.55	0.1762	204.3	2.57	0.7381	107.724	240.000

THERMODYNAMIC PROPERTIES OF ARGON

50.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
242.000	9.3853	257.4468	304.3729	2.9085	0.3202	0.6333	294.02	0.1769	205.5	2.62	0.7357	106.549	242.000
244.000	9.4874	258.1992	305.6363	2.9138	0.3197	0.6301	295.48	0.1776	206.7	2.67	0.7333	105.403	244.000
246.000	9.5888	258.9494	306.8935	2.9188	0.3192	0.6273	296.93	0.1783	207.9	2.73	0.7315	104.288	246.000
248.000	9.6898	259.6963	308.1451	2.9241	0.3189	0.6243	298.36	0.1791	209.1	2.78	0.7289	103.202	248.000
250.000	9.7906	260.4386	309.3914	2.9291	0.3187	0.6218	299.79	0.1798	210.3	2.83	0.7273	102.139	250.000
252.000	9.8908	261.1785	310.6323	2.9338	0.3182	0.6191	301.19	0.1805	211.5	2.88	0.7254	101.104	252.000
254.000	9.9906	261.9147	311.8679	2.9388	0.3179	0.6168	302.59	0.1813	212.7	2.94	0.7236	100.094	254.000
256.000	10.0905	262.6464	313.0986	2.9436	0.3177	0.6143	303.98	0.1820	214.0	2.99	0.7223	99.103	256.000
258.000	10.1895	263.3779	314.3253	2.9483	0.3174	0.6120	305.35	0.1828	215.2	3.04	0.7205	98.148	258.000
260.000	10.2883	264.1058	315.5475	2.9531	0.3172	0.6098	306.71	0.1836	216.4	3.10	0.7187	97.197	260.000
262.000	10.3869	264.8303	316.7658	2.9578	0.3169	0.6078	308.06	0.1843	217.6	3.15	0.7176	96.275	262.000
264.000	10.4853	265.5520	317.9783	2.9624	0.3167	0.6058	309.40	0.1851	218.8	3.20	0.7161	95.372	264.000
266.000	10.5832	266.2720	319.1882	2.9669	0.3164	0.6038	310.73	0.1859	220.0	3.26	0.7145	94.489	266.000
268.000	10.6808	266.9901	320.3948	2.9714	0.3162	0.6020	312.06	0.1866	221.2	3.31	0.7137	93.626	268.000
270.000	10.7783	267.7049	321.5963	2.9759	0.3159	0.6003	313.37	0.1874	222.4	3.36	0.7124	92.779	270.000
272.000	10.8752	268.4189	322.7949	2.9804	0.3159	0.5985	314.67	0.1882	223.6	3.42	0.7111	91.952	272.000
274.000	10.9720	269.1303	323.9902	2.9848	0.3157	0.5968	315.96	0.1890	224.8	3.47	0.7098	91.141	274.000
276.000	11.0685	269.8397	325.1822	2.9891	0.3154	0.5953	317.25	0.1898	226.0	3.53	0.7088	90.346	276.000
278.000	11.1648	270.5471	326.3710	2.9934	0.3154	0.5938	318.52	0.1906	227.2	3.58	0.7078	89.567	278.000
280.000	11.2612	271.2588	327.5568	2.9976	0.3152	0.5923	319.79	0.1914	228.4	3.64	0.7068	88.800	280.000
282.000	11.3567	271.9658	328.7396	3.0019	0.3152	0.5908	321.05	0.1922	229.6	3.69	0.7057	88.053	282.000
284.000	11.4529	272.6652	329.9196	3.0059	0.3149	0.5893	322.30	0.1930	230.8	3.75	0.7047	87.314	284.000
286.000	11.5488	273.3671	331.0969	3.0102	0.3149	0.5880	323.54	0.1938	232.0	3.81	0.7039	86.595	286.000
288.000	11.6438	274.0686	332.2717	3.0142	0.3147	0.5868	324.78	0.1946	233.2	3.86	0.7032	85.888	288.000
290.000	11.7386	274.7688	333.4437	3.0182	0.3147	0.5855	326.01	0.1954	234.3	3.92	0.7021	85.189	290.000
292.000	11.8329	275.4686	334.6132	3.0222	0.3144	0.5843	327.23	0.1962	235.5	3.97	0.7013	84.510	292.000
294.000	11.9276	276.1423	335.7805	3.0262	0.3144	0.5830	328.44	0.1971	236.7	4.03	0.7001	83.839	294.000
296.000	12.0222	276.8344	336.9453	3.0302	0.3142	0.5818	329.65	0.1979	237.9	4.09	0.6993	83.186	296.000
298.000	12.1164	277.5259	338.1080	3.0342	0.3142	0.5808	330.85	0.1987	239.1	4.15	0.6988	82.533	298.000
300.000	12.2104	278.2163	339.2683	3.0379	0.3142	0.5798	332.04	0.1995	240.3	4.20	0.6983	81.897	300.000
302.000	12.3040	278.9034	340.4265	3.0420	0.3139	0.5785	333.23	0.2003	241.5	4.26	0.6975	81.278	302.000
304.000	12.3985	279.5964	341.5828	3.0457	0.3139	0.5775	334.40	0.2012	242.6	4.32	0.6963	80.655	304.000
306.000	12.4919	280.2775	342.7371	3.0496	0.3139	0.5765	335.58	0.2020	243.8	4.38	0.6958	80.052	306.000
308.000	12.5855	280.9619	343.8893	3.0532	0.3137	0.5757	336.75	0.2028	245.0	4.43	0.6956	79.457	308.000
310.000	12.6786	281.6478	345.0398	3.0570	0.3137	0.5747	337.91	0.2036	246.2	4.49	0.6950	78.873	310.000
312.000	12.7717	282.3298	346.1883	3.0607	0.3137	0.5737	339.06	0.2044	247.3	4.55	0.6942	78.298	312.000
314.000	12.8643	283.0135	347.3348	3.0642	0.3137	0.5730	340.21	0.2053	248.5	4.61	0.6935	77.735	314.000
316.000	12.9575	283.6926	348.4800	3.0680	0.3134	0.5720	341.35	0.2061	249.7	4.67	0.6930	77.176	316.000
318.000	13.0500	284.3731	349.6232	3.0715	0.3134	0.5712	342.49	0.2069	250.9	4.73	0.6927	76.628	318.000
320.000	13.1425	285.0524	350.7650	3.0750	0.3134	0.5705	343.63	0.2077	252.0	4.78	0.6922	76.089	320.000
322.000	13.2349	285.7303	351.9050	3.0788	0.3134	0.5697	344.75	0.2086	253.2	4.86	0.6916	75.558	322.000
324.000	13.3272	286.4075	353.0437	3.0823	0.3134	0.5690	345.87	0.2094	254.3	4.90	0.6910	75.034	324.000
326.000	13.4194	287.0837	354.1807	3.0858	0.3132	0.5682	346.99	0.2102	255.5	4.96	0.6907	74.519	326.000
328.000	13.5114	287.7592	355.3161	3.0893	0.3132	0.5675	348.10	0.2111	256.7	5.03	0.6901	74.012	328.000
330.000	13.6032	288.4345	356.4504	3.0925	0.3132	0.5667	349.21	0.2119	257.8	5.09	0.6895	73.512	330.000

THERMODYNAMIC PROPERTIES OF ARGON

50.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
332.000	13.6947	289.1096	357.5831	3.0960	0.3132	0.5660	350.31	0.2127	259.0	5.15	0.6892	73.021	332.000
334.000	13.7867	289.7867	358.7143	3.0995	0.3132	0.5652	351.48	0.2135	260.1	5.21	0.6886	72.534	334.000
336.000	13.8784	290.4523	359.8445	3.1028	0.3132	0.5647	352.58	0.2144	261.3	5.27	0.6883	72.054	336.000
338.000	13.9698	291.1241	360.9733	3.1060	0.3129	0.5640	353.58	0.2152	262.4	5.33	0.6877	71.583	338.000
340.000	14.0609	291.7962	362.1005	3.1090	0.3129	0.5635	354.66	0.2160	263.6	5.39	0.6877	71.119	340.000
342.000	14.1523	292.4653	363.2267	3.1120	0.3129	0.5627	355.74	0.2168	264.7	5.45	0.6871	70.660	342.000
344.000	14.2433	293.1356	364.3519	3.1151	0.3129	0.5622	356.82	0.2177	265.9	5.52	0.6867	70.209	344.000
346.000	14.3346	293.8025	365.4756	3.1180	0.3129	0.5617	357.88	0.2185	267.0	5.58	0.6864	69.761	346.000
348.000	14.4255	294.4709	366.5983	3.1210	0.3129	0.5610	358.95	0.2193	268.1	5.64	0.6858	69.322	348.000
350.000	14.5158	295.1406	367.7198	3.1240	0.3129	0.5605	360.01	0.2201	269.3	5.70	0.6858	68.890	350.000
352.000	14.6065	295.8079	368.8402	3.1268	0.3129	0.5600	361.06	0.2210	270.4	5.76	0.6851	68.463	352.000
354.000	14.6974	296.4729	369.9597	3.1321	0.3129	0.5595	362.11	0.2218	271.5	5.83	0.6848	68.039	354.000
356.000	14.7877	297.1399	371.0781	3.1353	0.3129	0.5590	363.16	0.2226	272.7	5.89	0.6848	67.624	356.000
358.000	14.8782	297.8044	372.1953	3.1383	0.3127	0.5585	364.20	0.2234	273.8	5.95	0.6845	67.213	358.000
360.000	14.9689	298.4689	373.3115	3.1416	0.3127	0.5580	365.24	0.2243	274.9	6.02	0.6838	66.805	360.000
362.000	15.0590	299.1321	374.4270	3.1446	0.3127	0.5575	366.28	0.2251	276.0	6.08	0.6835	66.406	362.000
364.000	15.1492	299.7954	375.5414	3.1476	0.3127	0.5570	367.31	0.2259	277.2	6.14	0.6835	66.010	364.000
366.000	15.2396	300.4567	376.6546	3.1506	0.3127	0.5565	368.33	0.2267	278.3	6.21	0.6831	65.619	366.000
368.000	15.3292	301.1212	377.7671	3.1538	0.3127	0.5560	369.36	0.2276	279.4	6.28	0.6825	65.235	368.000
370.000	15.4189	301.7844	378.8788	3.1569	0.3127	0.5555	370.38	0.2284	280.5	6.34	0.6822	64.856	370.000
372.000	15.5096	302.4413	379.9895	3.1599	0.3127	0.5552	371.39	0.2292	281.6	6.40	0.6822	64.478	372.000
374.000	15.5985	303.1067	381.0994	3.1626	0.3127	0.5547	372.40	0.2300	282.7	6.47	0.6818	64.109	374.000
376.000	15.6885	303.7659	382.2083	3.1656	0.3127	0.5542	373.41	0.2308	283.8	6.53	0.6815	63.741	376.000
378.000	15.7785	304.4242	383.3166	3.1686	0.3127	0.5540	374.42	0.2316	284.9	6.60	0.6815	63.378	378.000
380.000	15.8675	305.0805	384.4240	3.1716	0.3127	0.5535	375.42	0.2325	286.0	6.67	0.6808	63.022	380.000
382.000	15.9575	305.7429	385.5304	3.1744	0.3127	0.5532	376.42	0.2333	287.1	6.73	0.6808	62.666	382.000
384.000	16.0465	306.4038	386.6364	3.1774	0.3127	0.5527	377.41	0.2341	288.2	6.80	0.6805	62.319	384.000
386.000	16.1365	307.0588	387.7413	3.1801	0.3127	0.5522	378.40	0.2349	289.3	6.86	0.6801	61.971	386.000
388.000	16.2254	307.7185	388.8455	3.1831	0.3127	0.5520	379.39	0.2357	290.4	6.93	0.6801	61.632	388.000
390.000	16.3142	308.3781	389.9492	3.1859	0.3127	0.5517	380.37	0.2365	291.5	6.99	0.6800	61.296	390.000
392.000	16.4040	309.0317	391.0518	3.1886	0.3127	0.5512	381.35	0.2373	292.6	7.06	0.6797	60.961	392.000
394.000	16.4926	309.6968	392.1540	3.1914	0.3127	0.5510	382.33	0.2382	293.7	7.13	0.6793	60.633	394.000
396.000	16.5822	310.3443	393.2555	3.1944	0.3127	0.5505	383.31	0.2390	294.8	7.20	0.6790	60.306	396.000
398.000	16.6706	311.0035	394.3564	3.1972	0.3124	0.5502	384.28	0.2398	295.9	7.27	0.6789	59.986	398.000
400.000	16.7599	311.6578	395.4563	3.1999	0.3124	0.5500	385.25	0.2406	297.0	7.33	0.6789	59.666	400.000

THERMODYNAMIC PROPERTIES OF ARGON

60.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
86.000	0.7035	70.6500	74.8713	1.3240	0.7015	1.3004	741.96	1.3461	2892.6	0.73	2.7945	1421.366	86.000
87.000	0.7066	71.9149	76.1542	1.3387	0.7498	1.2694	745.67	1.3277	2806.1	0.74	2.6829	1415.314	87.000
88.000	0.7096	73.1526	77.4181	1.3533	0.7199	1.2429	748.81	1.3100	2724.0	0.75	2.5844	1409.278	88.000
89.000	0.7126	74.3687	78.6645	1.3678	0.6939	1.2206	751.21	1.2927	2645.6	0.75	2.4980	1403.242	89.000
90.000	0.7157	75.5696	79.8538	1.3885	0.6709	1.2016	753.13	1.2760	2571.1	0.76	2.4211	1397.221	90.000
91.000	0.7188	76.7328	81.0456	1.3938	0.6501	1.1858	754.48	1.2598	2499.9	0.76	2.3530	1391.201	91.000
92.000	0.7220	77.8944	82.2261	1.4068	0.6310	1.1728	754.89	1.2439	2431.5	0.77	2.2925	1385.133	92.000
93.000	0.7251	79.0426	83.3934	1.4193	0.6153	1.1618	754.91	1.2284	2366.2	0.77	2.2378	1379.061	93.000
94.000	0.7284	80.1798	84.5499	1.4316	0.6005	1.1530	754.32	1.2133	2303.3	0.77	2.1888	1372.957	94.000
95.000	0.7316	81.3064	85.6982	1.4439	0.5873	1.1460	753.21	1.1985	2243.1	0.77	2.1448	1366.833	95.000
96.000	0.7349	82.4337	86.8434	1.4559	0.5752	1.1405	751.58	1.1840	2184.9	0.76	2.1046	1360.653	96.000
97.000	0.7383	83.5588	87.9886	1.4677	0.5645	1.1365	749.43	1.1698	2129.0	0.76	2.0684	1354.457	97.000
98.000	0.7417	84.6858	89.1153	1.4792	0.5550	1.1335	746.88	1.1558	2075.1	0.76	2.0358	1348.269	98.000
99.000	0.7452	85.7764	90.2476	1.4907	0.5462	1.1317	743.99	1.1421	2023.1	0.75	2.0047	1341.921	99.000
100.000	0.7487	86.8886	91.3816	1.5022	0.5382	1.1307	740.81	1.1285	1972.8	0.75	1.9767	1335.574	100.000
101.000	0.7523	87.9966	92.5166	1.5135	0.5309	1.1307	736.99	1.1152	1924.3	0.74	1.9511	1329.190	101.000
102.000	0.7560	89.1037	93.6397	1.5245	0.5244	1.1312	733.04	1.1021	1877.4	0.74	1.9270	1322.758	102.000
103.000	0.7597	90.2159	94.7742	1.5355	0.5184	1.1325	728.81	1.0892	1831.9	0.73	1.9047	1316.267	103.000
104.000	0.7635	91.3248	95.9059	1.5465	0.5129	1.1342	724.35	1.0764	1787.9	0.72	1.8839	1309.723	104.000
105.000	0.7674	92.4380	97.0424	1.5573	0.5079	1.1365	719.68	1.0638	1745.2	0.72	1.8644	1303.118	105.000
106.000	0.7713	93.5509	98.1789	1.5680	0.5032	1.1392	714.67	1.0513	1703.9	0.71	1.8464	1296.457	106.000
107.000	0.7753	94.6676	99.3196	1.5788	0.4989	1.1425	709.58	1.0390	1663.8	0.71	1.8295	1289.753	107.000
108.000	0.7794	95.7877	100.4643	1.5896	0.4949	1.1466	704.27	1.0268	1624.9	0.70	1.8135	1282.978	108.000
109.000	0.7836	96.9109	101.6126	1.6001	0.4911	1.1506	698.78	1.0147	1587.0	0.69	1.7986	1276.131	109.000
110.000	0.7879	98.0385	102.7658	1.6106	0.4876	1.1543	693.13	1.0027	1550.2	0.68	1.7845	1269.224	110.000
111.000	0.7922	99.1670	103.9203	1.6211	0.4844	1.1598	687.36	0.9908	1514.5	0.68	1.7716	1262.261	111.000
112.000	0.7967	100.3028	105.0829	1.6316	0.4814	1.1648	681.42	0.9790	1479.7	0.67	1.7593	1255.219	112.000
113.000	0.8012	101.4426	106.2499	1.6419	0.4784	1.1693	675.34	0.9673	1445.8	0.66	1.7477	1248.111	113.000
114.000	0.8058	102.5868	107.4214	1.6521	0.4759	1.1758	669.16	0.9557	1412.9	0.66	1.7372	1240.937	114.000
115.000	0.8106	103.7359	108.5994	1.6624	0.4734	1.1818	662.88	0.9442	1380.7	0.65	1.7270	1233.678	115.000
116.000	0.8154	104.8913	109.7848	1.6727	0.4709	1.1873	656.38	0.9327	1349.4	0.64	1.7177	1226.346	116.000
117.000	0.8204	106.0524	110.9748	1.6829	0.4689	1.1941	649.71	0.9213	1318.9	0.63	1.7094	1218.929	117.000
118.000	0.8255	107.2198	112.1718	1.6932	0.4666	1.2013	642.96	0.9100	1289.0	0.63	1.7016	1211.427	118.000
119.000	0.8307	108.3929	113.3769	1.7032	0.4649	1.2088	636.08	0.8987	1259.9	0.62	1.6947	1203.849	119.000
120.000	0.8360	109.5734	114.5895	1.7135	0.4629	1.2168	629.04	0.8874	1231.5	0.61	1.6887	1196.167	120.000
121.000	0.8415	110.7628	115.8108	1.7235	0.4613	1.2256	621.87	0.8762	1203.7	0.60	1.6837	1188.389	121.000
122.000	0.8471	111.9598	117.0424	1.7338	0.4596	1.2349	614.53	0.8650	1176.4	0.59	1.6794	1180.499	122.000
123.000	0.8529	113.1636	118.2868	1.7438	0.4583	1.2446	607.05	0.8538	1149.8	0.59	1.6761	1172.514	123.000
124.000	0.8588	114.3773	119.5361	1.7540	0.4571	1.2551	599.41	0.8426	1123.6	0.58	1.6737	1164.408	124.000
125.000	0.8649	115.6015	120.7918	1.7640	0.4558	1.2661	591.61	0.8314	1098.0	0.57	1.6722	1156.175	125.000
126.000	0.8712	116.8364	122.0637	1.7743	0.4548	1.2782	583.65	0.8203	1072.9	0.56	1.6718	1147.822	126.000
127.000	0.8777	118.0818	123.3481	1.7843	0.4538	1.2909	575.50	0.8091	1048.2	0.55	1.6724	1139.317	127.000
128.000	0.8844	119.3394	124.6468	1.7946	0.4531	1.3049	567.17	0.7979	1023.9	0.54	1.6746	1130.668	128.000
129.000	0.8914	120.6092	125.9575	1.8048	0.4523	1.3197	558.67	0.7866	1000.0	0.53	1.6777	1121.860	129.000
130.000	0.8986	121.8938	127.2852	1.8151	0.4518	1.3357	549.97	0.7753	976.5	0.52	1.6824	1112.879	130.000

THERMODYNAMIC PROPERTIES OF ARGON

60.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
131.000	0.9868	123.1938	128.6292	1.8254	0.4613	1.3538	541.86	0.7648	953.3	0.61	1.6883	1103.715	131.000
132.000	0.9138	124.5895	129.9922	1.8356	0.4611	1.3728	531.93	0.7526	938.4	0.60	1.6962	1094.336	132.000
133.000	0.9219	125.8426	131.3738	1.8461	0.4611	1.3923	522.61	0.7412	907.8	0.49	1.7053	1084.758	133.000
134.000	0.9303	127.1951	132.7769	1.8567	0.4611	1.4146	513.84	0.7296	885.4	0.48	1.7167	1074.933	134.000
135.000	0.9391	128.5686	134.2032	1.8672	0.4613	1.4389	503.25	0.7188	863.3	0.47	1.7301	1064.854	135.000
136.000	0.9483	129.9657	135.6556	1.8779	0.4618	1.4654	493.21	0.7064	841.3	0.46	1.7453	1054.491	136.000
137.000	0.9580	131.3874	137.1355	1.8887	0.4623	1.4944	482.98	0.6946	819.5	0.45	1.7632	1043.821	137.000
138.000	0.9682	132.8366	138.6460	1.8997	0.4631	1.5267	472.32	0.6828	797.8	0.43	1.7839	1032.808	138.000
139.000	0.9790	134.3153	140.1895	1.9110	0.4643	1.5625	461.46	0.6709	776.1	0.42	1.8075	1021.419	139.000
140.000	0.9905	135.8269	141.7718	1.9222	0.4656	1.6021	450.28	0.6589	754.5	0.41	1.8345	1009.618	140.000
141.000	1.0027	137.3791	143.3952	1.9338	0.4671	1.6466	438.88	0.6469	732.9	0.39	1.8655	997.334	141.000
142.000	1.0157	138.9735	145.0678	1.9455	0.4691	1.6972	426.94	0.6349	711.2	0.38	1.9012	984.522	142.000
143.000	1.0297	140.6146	146.7931	1.9578	0.4611	1.7545	414.74	0.6228	689.4	0.37	1.9422	971.116	143.000
144.000	1.0449	142.3097	148.5791	1.9703	0.4639	1.8201	402.13	0.6108	667.4	0.35	1.9888	957.026	144.000
145.000	1.0614	144.0678	150.4363	1.9831	0.4669	1.8965	389.08	0.5989	645.2	0.34	2.0431	942.142	145.000
146.000	1.0795	145.8994	152.3766	1.9963	0.4704	1.9866	375.54	0.5870	622.6	0.32	2.1071	926.322	146.000
147.000	1.0996	147.8175	154.4152	2.0104	0.4744	2.0947	361.49	0.5752	599.5	0.30	2.1832	909.480	147.000
148.000	1.1222	149.8418	156.5748	2.0249	0.4791	2.2269	346.79	0.5635	575.7	0.28	2.2761	891.128	148.000
149.000	1.1478	151.9921	158.8796	2.0404	0.4849	2.3931	331.42	0.5519	551.1	0.26	2.3896	871.214	149.000
150.000	1.1777	154.3113	161.3773	2.0572	0.4916	2.6099	315.21	0.5401	525.4	0.24	2.5389	849.143	150.000
151.000	1.2132	156.8464	164.1256	2.0754	0.4996	2.9048	298.04	0.5283	498.1	0.22	2.7387	824.267	151.000
152.000	1.2572	159.6873	167.2364	2.0966	0.5097	3.3328	279.71	0.5161	468.5	0.19	3.0252	795.433	152.000
153.000	1.3145	162.9833	170.8784	2.1198	0.5219	4.0045	260.03	0.5033	435.7	0.17	3.4666	760.734	153.000
154.000	1.3957	167.0273	175.4818	2.1493	0.5379	5.1787	238.94	0.4898	397.7	0.13	4.1984	716.467	154.000
155.000	1.5244	172.3722	181.5187	2.1888	0.5575	7.2394	217.65	0.4744	352.1	0.10	5.3731	655.998	155.000
156.000	1.7875	179.4773	189.9821	2.2427	0.5735	9.1978	201.64	0.4486	301.1	0.08	6.1738	575.551	156.000
157.000	2.0000	186.7684	198.8145	2.2997	0.5697	8.1989	196.69	0.4057	266.8	0.10	5.2654	497.756	157.000
158.000	2.2611	192.4254	205.9928	2.3453	0.5532	6.2143	196.24	0.3638	236.8	0.13	4.0450	442.266	158.000
159.000	2.4725	196.6879	211.4429	2.3796	0.5347	4.7912	198.04	0.3318	222.5	0.17	3.2129	404.456	159.000
160.000	2.6514	199.8355	215.7442	2.4066	0.5177	3.8793	200.25	0.3088	213.3	0.21	2.6865	377.153	160.000
161.000	2.8073	202.4585	219.3826	2.4289	0.5029	3.2743	202.54	0.2898	206.9	0.25	2.3376	356.208	161.000
162.000	2.9466	204.6732	222.3528	2.4477	0.4899	2.8587	204.88	0.2754	202.2	0.28	2.0936	339.374	162.000
163.000	3.0734	206.5997	225.0403	2.4642	0.4784	2.5393	206.99	0.2637	198.6	0.32	1.9124	325.368	163.000
164.000	3.1906	208.3128	227.4559	2.4798	0.4681	2.3015	209.10	0.2548	195.8	0.35	1.7741	313.416	164.000
165.000	3.3002	209.8585	229.6596	2.4926	0.4588	2.1135	211.15	0.2457	193.5	0.38	1.6645	303.014	165.000
166.000	3.4034	211.2741	231.6947	2.5048	0.4506	1.9613	213.12	0.2386	191.6	0.41	1.5758	293.822	166.000
167.000	3.5015	212.5822	233.5912	2.5160	0.4431	1.8356	215.03	0.2324	190.1	0.44	1.5015	285.592	167.000
168.000	3.5951	213.8012	235.3717	2.5268	0.4361	1.7306	216.87	0.2269	188.8	0.47	1.4395	278.158	168.000
169.000	3.6849	214.9464	237.0557	2.5368	0.4298	1.6396	218.66	0.2221	187.8	0.50	1.3864	271.379	169.000
170.000	3.7714	216.0267	238.6556	2.5463	0.4238	1.5618	220.40	0.2178	186.9	0.53	1.3402	265.155	170.000
171.000	3.8550	217.0517	240.1815	2.5551	0.4183	1.4937	222.09	0.2139	186.2	0.55	1.3003	259.406	171.000
172.000	3.9359	218.0293	241.6449	2.5636	0.4133	1.4336	223.74	0.2104	185.6	0.58	1.2646	254.069	172.000
173.000	4.0146	218.9637	243.0512	2.5718	0.4085	1.3803	225.35	0.2073	185.1	0.60	1.2325	249.092	173.000
174.000	4.0912	219.8663	244.4072	2.5796	0.4043	1.3327	226.91	0.2044	184.7	0.63	1.2043	244.430	174.000
175.000	4.1658	220.7231	245.7182	2.5871	0.4000	1.2897	228.44	0.2018	184.4	0.65	1.1786	240.048	175.000

THERMODYNAMIC PROPERTIES OF ARGON

60.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
176.000	4.2389	221.5547	246.9878	2.5944	0.3963	1.2589	229.94	0.1995	184.1	0.68	1.1543	235.913	176.000
177.000	4.3182	222.3595	248.2289	2.6014	0.3928	1.2156	231.46	0.1973	184.0	0.76	1.1336	232.606	177.000
178.000	4.3981	223.1393	249.4282	2.6081	0.3893	1.1833	232.84	0.1953	183.9	0.72	1.1142	229.303	178.000
179.000	4.4488	223.8954	250.5883	2.6146	0.3860	1.1537	234.24	0.1935	183.8	0.75	1.0959	224.779	179.000
180.000	4.5182	224.6389	251.7282	2.6212	0.3830	1.1267	235.62	0.1919	183.8	0.77	1.0792	221.424	180.000
181.000	4.5824	225.3475	252.8422	2.6272	0.3802	1.1014	236.97	0.1903	183.8	0.79	1.0638	218.224	181.000
182.000	4.6478	226.0459	253.9316	2.6332	0.3775	1.0782	238.30	0.1889	183.8	0.81	1.0496	215.164	182.000
183.000	4.7117	226.7285	254.9990	2.6392	0.3750	1.0564	239.60	0.1877	183.9	0.84	1.0358	212.236	183.000
184.000	4.7758	227.3958	256.0451	2.6447	0.3725	1.0363	240.89	0.1865	184.0	0.86	1.0225	209.423	184.000
185.000	4.8374	228.0473	257.0717	2.6504	0.3702	1.0173	242.15	0.1854	184.2	0.88	1.0107	206.723	185.000
186.000	4.8989	228.6867	258.0802	2.6557	0.3680	0.9998	243.39	0.1845	184.4	0.90	0.9993	204.126	186.000
187.000	4.9597	229.3134	259.0715	2.6610	0.3660	0.9833	244.61	0.1836	184.6	0.93	0.9886	201.626	187.000
188.000	5.0197	229.9291	260.0471	2.6662	0.3640	0.9678	245.82	0.1828	184.8	0.95	0.9783	199.217	188.000
189.000	5.0790	230.5328	261.0070	2.6715	0.3620	0.9530	247.00	0.1820	185.0	0.97	0.9687	196.888	189.000
190.000	5.1378	231.1273	261.9530	2.6765	0.3602	0.9392	248.17	0.1813	185.3	0.99	0.9599	194.643	190.000
191.000	5.1957	231.7111	262.8855	2.6812	0.3585	0.9262	249.33	0.1807	185.6	1.01	0.9513	192.465	191.000
192.000	5.2532	232.2865	263.8057	2.6860	0.3570	0.9139	250.47	0.1802	185.9	1.04	0.9428	190.360	192.000
193.000	5.3100	232.8532	264.7133	2.6907	0.3552	0.9022	251.59	0.1797	186.2	1.06	0.9348	188.323	193.000
194.000	5.3664	233.4126	265.6103	2.6955	0.3537	0.8912	252.70	0.1792	186.5	1.08	0.9275	186.345	194.000
195.000	5.4222	233.9626	266.4957	2.7000	0.3525	0.8804	253.79	0.1788	186.8	1.10	0.9198	184.428	195.000
196.000	5.4775	234.5061	267.3708	2.7045	0.3510	0.8704	254.88	0.1785	187.2	1.12	0.9128	182.566	196.000
197.000	5.5323	235.0429	268.2367	2.7088	0.3497	0.8609	255.95	0.1782	187.6	1.15	0.9063	180.757	197.000
198.000	5.5867	235.5723	269.0928	2.7133	0.3485	0.8519	257.00	0.1779	187.9	1.17	0.8997	178.995	198.000
199.000	5.6406	236.0959	269.9404	2.7175	0.3472	0.8431	258.05	0.1777	188.3	1.19	0.8934	177.281	199.000
200.000	5.6943	236.6137	270.7792	2.7215	0.3462	0.8348	259.08	0.1775	188.7	1.21	0.8875	175.615	200.000
202.000	5.8016	237.6293	272.4387	2.7300	0.3439	0.8193	261.11	0.1771	189.6	1.25	0.8767	172.368	202.000
204.000	5.9066	238.6268	274.0628	2.7381	0.3419	0.8050	263.11	0.1769	190.4	1.30	0.8665	169.328	204.000
206.000	6.0091	239.6058	275.6593	2.7458	0.3402	0.7918	265.06	0.1768	191.3	1.34	0.8567	166.415	206.000
208.000	6.1116	240.5643	277.2364	2.7533	0.3384	0.7798	266.98	0.1768	192.2	1.39	0.8477	163.639	208.000
210.000	6.2115	241.5096	278.7789	2.7608	0.3367	0.7685	268.86	0.1769	193.1	1.43	0.8389	160.998	210.000
212.000	6.3111	242.4382	280.3051	2.7678	0.3354	0.7582	270.70	0.1770	194.1	1.47	0.8315	158.458	212.000
214.000	6.4096	243.3545	281.8119	2.7751	0.3339	0.7485	272.52	0.1772	195.0	1.52	0.8237	156.017	214.000
216.000	6.5072	244.2563	283.2995	2.7819	0.3327	0.7395	274.31	0.1774	196.0	1.56	0.8170	153.676	216.000
218.000	6.6037	245.1479	284.7700	2.7886	0.3314	0.7310	276.07	0.1777	197.0	1.61	0.8103	151.431	218.000
220.000	6.6995	246.0273	286.2241	2.7954	0.3304	0.7232	277.80	0.1781	198.0	1.65	0.8040	149.266	220.000
222.000	6.7944	246.8964	287.6627	2.8019	0.3294	0.7157	279.51	0.1784	199.1	1.69	0.7987	147.186	222.000
224.000	6.8886	247.7554	289.0871	2.8082	0.3284	0.7089	281.20	0.1788	200.1	1.74	0.7934	145.167	224.000
226.000	6.9820	248.6062	290.4981	2.8147	0.3274	0.7022	282.86	0.1792	201.2	1.78	0.7884	143.226	226.000
228.000	7.0747	249.4478	291.8962	2.8207	0.3267	0.6962	284.50	0.1797	202.3	1.83	0.7837	141.348	228.000
230.000	7.1667	250.2826	293.2827	2.8267	0.3259	0.6904	286.12	0.1802	203.3	1.87	0.7789	139.534	230.000
232.000	7.2581	251.1091	294.6578	2.8327	0.3252	0.6849	287.72	0.1807	204.4	1.91	0.7747	137.777	232.000
234.000	7.3491	251.9274	296.0221	2.8384	0.3244	0.6796	289.30	0.1812	205.5	1.96	0.7708	136.071	234.000
236.000	7.4393	252.7402	297.3761	2.8444	0.3239	0.6746	290.86	0.1817	206.6	2.00	0.7671	134.421	236.000
238.000	7.5290	253.5464	298.7206	2.8500	0.3232	0.6699	292.40	0.1823	207.7	2.05	0.7632	132.819	238.000
240.000	7.6182	254.3478	300.0561	2.8555	0.3227	0.6656	293.93	0.1828	208.8	2.09	0.7603	131.265	240.000

THERMODYNAMIC PROPERTIES OF ARGON

60.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
242.000	7.7071	255.1484	301.3828	2.8610	0.3222	0.6614	295.44	0.1834	209.9	2.14	0.7569	129.751	242.000
244.000	7.7961	255.9384	302.7012	2.8665	0.3217	0.6574	296.93	0.1840	211.1	2.18	0.7542	128.285	244.000
246.000	7.8838	256.7138	304.0128	2.8720	0.3212	0.6533	298.41	0.1846	212.2	2.23	0.7510	126.855	246.000
248.000	7.9704	257.4932	305.3154	2.8772	0.3207	0.6498	299.88	0.1852	213.3	2.27	0.7484	125.465	248.000
250.000	8.0573	258.2673	306.6113	2.8822	0.3204	0.6463	301.33	0.1859	214.5	2.32	0.7458	124.110	250.000
252.000	8.1438	259.0377	307.9008	2.8875	0.3199	0.6431	302.77	0.1865	215.6	2.36	0.7434	122.792	252.000
254.000	8.2301	259.8031	309.1834	2.8925	0.3194	0.6398	304.19	0.1872	216.7	2.41	0.7407	121.506	254.000
256.000	8.3159	260.5644	310.4598	2.8975	0.3192	0.6368	305.60	0.1878	217.9	2.45	0.7389	120.251	256.000
258.000	8.4013	261.3220	311.7305	2.9025	0.3189	0.6338	307.00	0.1885	219.0	2.50	0.7364	119.029	258.000
260.000	8.4862	262.0763	312.9954	2.9073	0.3184	0.6311	308.39	0.1892	220.2	2.54	0.7345	117.839	260.000
262.000	8.5710	262.8286	314.2548	2.9123	0.3182	0.6283	309.77	0.1899	221.3	2.59	0.7322	116.672	262.000
264.000	8.6555	263.5760	315.5089	2.9170	0.3179	0.6258	311.13	0.1906	222.5	2.64	0.7306	115.534	264.000
266.000	8.7395	264.3210	316.7580	2.9218	0.3177	0.6233	312.48	0.1913	223.6	2.68	0.7286	114.423	266.000
268.000	8.8236	265.0668	318.0024	2.9263	0.3174	0.6211	313.83	0.1920	224.8	2.73	0.7272	113.332	268.000
270.000	8.9071	265.7993	319.2420	2.9311	0.3172	0.6188	315.16	0.1927	225.9	2.77	0.7254	112.270	270.000
272.000	8.9903	266.5354	320.4771	2.9356	0.3169	0.6166	316.48	0.1934	227.1	2.82	0.7240	111.231	272.000
274.000	9.0734	267.2677	321.7079	2.9401	0.3167	0.6143	317.80	0.1941	228.2	2.87	0.7222	110.213	274.000
276.000	9.1560	267.9984	322.9345	2.9446	0.3167	0.6123	319.10	0.1948	229.4	2.91	0.7211	109.218	276.000
278.000	9.2385	268.7263	324.1571	2.9488	0.3164	0.6103	320.39	0.1956	230.5	2.96	0.7192	108.243	278.000
280.000	9.3207	269.4519	325.3760	2.9533	0.3162	0.6085	321.68	0.1963	231.7	3.01	0.7183	107.288	280.000
282.000	9.4026	270.1755	326.5911	2.9576	0.3159	0.6065	322.96	0.1971	232.8	3.06	0.7164	106.354	282.000
284.000	9.4845	270.8954	327.8028	2.9619	0.3159	0.6048	324.22	0.1978	234.0	3.10	0.7155	105.436	284.000
286.000	9.5661	271.6142	329.0107	2.9661	0.3157	0.6033	325.48	0.1986	235.1	3.15	0.7142	104.536	286.000
288.000	9.6476	272.3301	330.2155	2.9704	0.3154	0.6015	326.73	0.1993	236.3	3.20	0.7132	103.653	288.000
290.000	9.7286	273.0455	331.4168	2.9744	0.3154	0.6000	327.98	0.2001	237.5	3.24	0.7122	102.790	290.000
292.000	9.8094	273.7589	332.6151	2.9786	0.3152	0.5983	329.21	0.2008	238.6	3.29	0.7109	101.943	292.000
294.000	9.8904	274.4679	333.8102	2.9826	0.3152	0.5970	330.44	0.2016	239.8	3.34	0.7102	101.108	294.000
296.000	9.9707	275.1783	335.0027	2.9866	0.3149	0.5955	331.66	0.2024	240.9	3.39	0.7088	100.293	296.000
298.000	10.0512	275.8858	336.1923	2.9906	0.3149	0.5940	332.88	0.2031	242.1	3.44	0.7081	99.490	298.000
300.000	10.1314	276.5918	337.3791	2.9946	0.3147	0.5928	334.08	0.2039	243.2	3.48	0.7070	98.704	300.000
302.000	10.2115	277.2939	338.5631	2.9986	0.3147	0.5915	335.28	0.2047	244.4	3.53	0.7062	97.929	302.000
304.000	10.2913	277.9969	339.7447	3.0024	0.3147	0.5900	336.48	0.2055	245.5	3.58	0.7049	97.170	304.000
306.000	10.3710	278.6975	340.9237	3.0064	0.3144	0.5890	337.66	0.2062	246.7	3.63	0.7047	96.422	306.000
308.000	10.4503	279.3987	342.1002	3.0102	0.3144	0.5878	338.84	0.2070	247.8	3.68	0.7036	95.691	308.000
310.000	10.5298	280.0956	343.2745	3.0139	0.3144	0.5865	340.01	0.2078	249.0	3.73	0.7028	94.968	310.000
312.000	10.6088	280.7935	344.4463	3.0177	0.3142	0.5855	341.18	0.2086	250.1	3.78	0.7020	94.261	312.000
314.000	10.6881	281.4876	345.6160	3.0214	0.3142	0.5843	342.34	0.2094	251.2	3.83	0.7009	93.562	314.000
316.000	10.7667	282.1834	346.7835	3.0252	0.3142	0.5833	343.50	0.2101	252.4	3.88	0.7007	92.879	316.000
318.000	10.8455	282.8759	347.9491	3.0289	0.3139	0.5823	344.64	0.2109	253.5	3.93	0.6999	92.204	318.000
320.000	10.9241	283.5678	349.1123	3.0324	0.3139	0.5813	345.79	0.2117	254.7	3.98	0.6993	91.541	320.000
322.000	11.0028	284.2568	350.2738	3.0362	0.3139	0.5803	346.93	0.2125	255.8	4.03	0.6986	90.886	322.000
324.000	11.0812	284.9456	351.4331	3.0397	0.3139	0.5793	348.06	0.2133	256.9	4.08	0.6977	90.243	324.000
326.000	11.1593	285.6358	352.5909	3.0432	0.3137	0.5783	349.18	0.2141	258.1	4.13	0.6971	89.611	326.000
328.000	11.2374	286.3219	353.7466	3.0470	0.3137	0.5775	350.30	0.2149	259.2	4.18	0.6965	88.988	328.000
330.000	11.3152	287.0096	354.9006	3.0505	0.3137	0.5765	351.42	0.2157	260.3	4.23	0.6957	88.377	330.000

THERMODYNAMIC PROPERTIES OF ARGON

60.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
332.000	11.3934	287.6922	358.6529	3.0537	0.3137	0.5757	352.53	0.2165	261.5	4.28	0.6954	87.770	332.000
334.000	11.4712	288.3759	357.2033	3.0572	0.3134	0.5747	353.63	0.2173	262.6	4.34	0.6946	87.175	334.000
336.000	11.5485	289.0618	358.3521	3.0607	0.3134	0.5740	354.73	0.2181	263.7	4.39	0.6940	86.591	336.000
338.000	11.6263	289.7416	359.4993	3.0642	0.3134	0.5732	355.83	0.2189	264.9	4.44	0.6937	86.012	338.000
340.000	11.7035	290.4243	360.6451	3.0675	0.3134	0.5725	356.92	0.2197	266.0	4.49	0.6931	85.445	340.000
342.000	11.7811	291.1025	361.7893	3.0707	0.3134	0.5717	358.01	0.2205	267.1	4.54	0.6926	84.882	342.000
344.000	11.8581	291.7832	362.9320	3.0742	0.3134	0.5710	359.09	0.2213	268.2	4.60	0.6920	84.330	344.000
346.000	11.9358	292.4638	364.0733	3.0775	0.3134	0.5702	360.16	0.2221	269.3	4.65	0.6914	83.787	346.000
348.000	12.0124	293.1391	365.2133	3.0808	0.3132	0.5695	361.23	0.2229	270.5	4.70	0.6911	83.248	348.000
350.000	12.0889	293.8179	366.3515	3.0840	0.3132	0.5690	362.30	0.2237	271.6	4.75	0.6908	82.720	350.000
352.000	12.1659	294.4984	367.4887	3.0873	0.3132	0.5682	363.36	0.2245	272.7	4.81	0.6902	82.197	352.000
354.000	12.2426	295.1685	368.6244	3.0905	0.3132	0.5675	364.42	0.2253	273.8	4.86	0.6896	81.682	354.000
356.000	12.3192	295.8439	369.7589	3.0938	0.3132	0.5670	365.47	0.2261	274.9	4.91	0.6894	81.174	356.000
358.000	12.3954	296.5197	370.8922	3.0968	0.3132	0.5662	366.52	0.2268	276.0	4.96	0.6891	80.675	358.000
360.000	12.4720	297.1921	372.0241	3.1000	0.3132	0.5657	367.57	0.2276	277.1	5.02	0.6888	80.180	360.000
362.000	12.5483	297.8652	373.1548	3.1030	0.3132	0.5650	368.61	0.2284	278.2	5.07	0.6882	79.692	362.000
364.000	12.6248	298.5352	374.2843	3.1063	0.3129	0.5645	369.65	0.2292	279.3	5.13	0.6879	79.209	364.000
366.000	12.7011	299.2064	375.4128	3.1093	0.3129	0.5640	370.68	0.2300	280.4	5.18	0.6876	78.734	366.000
368.000	12.7769	299.8784	376.5400	3.1123	0.3129	0.5635	371.71	0.2308	281.5	5.23	0.6873	78.266	368.000
370.000	12.8538	300.5481	377.6662	3.1156	0.3129	0.5627	372.74	0.2316	282.6	5.29	0.6866	77.803	370.000
372.000	12.9287	301.2198	378.7912	3.1186	0.3129	0.5622	373.76	0.2324	283.7	5.34	0.6863	77.347	372.000
374.000	13.0046	301.8875	379.9151	3.1216	0.3129	0.5617	374.77	0.2332	284.8	5.40	0.6860	76.896	374.000
376.000	13.0807	302.5539	381.0381	3.1246	0.3129	0.5612	375.79	0.2340	285.9	5.45	0.6857	76.448	376.000
378.000	13.1563	303.2221	382.1600	3.1276	0.3129	0.5607	376.80	0.2348	287.0	5.51	0.6854	76.009	378.000
380.000	13.2321	303.8885	383.2813	3.1303	0.3129	0.5602	377.80	0.2356	288.1	5.56	0.6851	75.574	380.000
382.000	13.3074	304.5588	384.4012	3.1333	0.3129	0.5597	378.81	0.2364	289.2	5.62	0.6847	75.146	382.000
384.000	13.3828	305.2233	385.5201	3.1363	0.3129	0.5592	379.81	0.2372	290.3	5.68	0.6844	74.723	384.000
386.000	13.4584	305.8882	386.6384	3.1393	0.3129	0.5587	380.80	0.2380	291.3	5.73	0.6839	74.303	386.000
388.000	13.5340	306.5514	387.7556	3.1421	0.3129	0.5585	381.79	0.2388	292.4	5.79	0.6838	73.888	388.000
390.000	13.6091	307.2173	388.8718	3.1451	0.3129	0.5580	382.78	0.2396	293.5	5.84	0.6835	73.480	390.000
392.000	13.6842	307.8819	389.9872	3.1478	0.3129	0.5575	383.77	0.2404	294.6	5.90	0.6832	73.077	392.000
394.000	13.7594	308.5451	391.1017	3.1508	0.3129	0.5570	384.76	0.2412	295.7	5.96	0.6828	72.677	394.000
396.000	13.8347	309.2070	392.2154	3.1533	0.3127	0.5567	385.73	0.2420	296.7	6.01	0.6826	72.282	396.000
398.000	13.9093	309.8726	393.3283	3.1564	0.3127	0.5562	386.71	0.2428	297.8	6.07	0.6822	71.894	398.000
400.000	13.9847	310.5323	394.4402	3.1591	0.3127	0.5557	387.68	0.2436	298.9	6.13	0.6819	71.507	400.000

THERMODYNAMIC PROPERTIES OF ARGON

70.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
86.000	0.7021	70.4613	75.3159	1.3210	0.7662	1.2997	764.13	1.3524	2922.4	0.73	2.8086	1424.338	86.000
87.000	0.7051	71.6644	76.5998	1.3357	0.7347	1.2681	767.30	1.3339	2835.0	0.74	2.6953	1418.310	87.000
88.000	0.7081	72.8978	77.8542	1.3503	0.7064	1.2411	769.83	1.3161	2752.0	0.75	2.5952	1412.302	88.000
89.000	0.7111	74.1607	79.0843	1.3648	0.6811	1.2181	771.77	1.2989	2673.0	0.76	2.5067	1406.309	89.000
90.000	0.7141	75.2958	80.2939	1.3775	0.6589	1.1991	773.00	1.2822	2597.8	0.76	2.4294	1400.321	90.000
91.000	0.7172	76.4619	81.4822	1.3900	0.6388	1.1828	773.79	1.2659	2525.9	0.77	2.3601	1394.333	91.000
92.000	0.7203	77.6158	82.6578	1.4036	0.6211	1.1693	773.96	1.2501	2457.2	0.77	2.2983	1388.341	92.000
93.000	0.7234	78.7578	83.8218	1.4161	0.6058	1.1588	773.51	1.2346	2391.4	0.77	2.2438	1382.321	93.000
94.000	0.7266	79.8878	84.9748	1.4284	0.5918	1.1498	772.44	1.2196	2328.1	0.77	2.1933	1376.276	94.000
95.000	0.7298	81.0163	86.1189	1.4406	0.5783	1.1415	770.92	1.2048	2267.4	0.77	2.1482	1370.213	95.000
96.000	0.7331	82.1274	87.2589	1.4524	0.5667	1.1357	768.91	1.1904	2209.0	0.77	2.1075	1364.112	96.000
97.000	0.7364	83.2382	88.3929	1.4642	0.5555	1.1315	766.39	1.1762	2152.8	0.77	2.0709	1357.972	97.000
98.000	0.7397	84.3429	89.5211	1.4759	0.5478	1.1282	763.52	1.1623	2098.6	0.76	2.0371	1351.808	98.000
99.000	0.7432	85.4449	90.6471	1.4872	0.5387	1.1268	760.23	1.1486	2046.4	0.76	2.0061	1345.597	99.000
100.000	0.7466	86.5483	91.7748	1.4987	0.5312	1.1247	756.58	1.1352	1995.9	0.76	1.9775	1339.337	100.000
101.000	0.7502	87.6474	92.8985	1.5097	0.5244	1.1245	752.66	1.1220	1947.2	0.76	1.9515	1333.049	101.000
102.000	0.7538	88.7467	94.0238	1.5210	0.5179	1.1247	748.43	1.1089	1900.0	0.74	1.9271	1326.697	102.000
103.000	0.7574	89.8469	95.1487	1.5317	0.5124	1.1257	743.93	1.0961	1854.4	0.74	1.9046	1320.305	103.000
104.000	0.7611	90.9459	96.2737	1.5428	0.5072	1.1272	739.26	1.0834	1810.3	0.73	1.8836	1313.870	104.000
105.000	0.7649	92.0486	97.4029	1.5535	0.5022	1.1298	734.27	1.0709	1767.4	0.73	1.8632	1307.362	105.000
106.000	0.7687	93.1586	98.5318	1.5643	0.4979	1.1315	729.16	1.0585	1726.0	0.72	1.8450	1300.815	106.000
107.000	0.7727	94.2674	99.6661	1.5748	0.4936	1.1345	723.86	1.0463	1685.7	0.71	1.8278	1294.215	107.000
108.000	0.7767	95.3646	100.8013	1.5853	0.4899	1.1375	718.41	1.0342	1646.7	0.71	1.8111	1287.556	108.000
109.000	0.7807	96.4761	101.9413	1.5958	0.4864	1.1410	712.82	1.0222	1608.8	0.70	1.7957	1280.833	109.000
110.000	0.7849	97.5898	103.0833	1.6063	0.4829	1.1458	707.10	1.0104	1572.0	0.69	1.7814	1274.062	110.000
111.000	0.7891	98.7071	104.2318	1.6169	0.4799	1.1492	701.22	0.9986	1536.1	0.69	1.7678	1267.219	111.000
112.000	0.7934	99.8281	105.3822	1.6271	0.4769	1.1537	695.23	0.9870	1501.3	0.68	1.7549	1260.319	112.000
113.000	0.7979	100.9533	106.5383	1.6374	0.4744	1.1585	689.12	0.9754	1467.4	0.67	1.7429	1253.361	113.000
114.000	0.8024	102.0828	107.6993	1.6476	0.4716	1.1636	682.93	0.9639	1434.5	0.66	1.7316	1246.334	114.000
115.000	0.8069	103.2176	108.8663	1.6577	0.4694	1.1698	676.66	0.9525	1402.3	0.66	1.7211	1239.235	115.000
116.000	0.8116	104.3558	110.0373	1.6679	0.4671	1.1748	670.17	0.9412	1371.0	0.65	1.7112	1232.072	116.000
117.000	0.8164	105.5002	111.2153	1.6779	0.4649	1.1808	663.62	0.9300	1340.5	0.64	1.7020	1224.830	117.000
118.000	0.8213	106.6508	112.3994	1.6882	0.4629	1.1873	656.98	0.9188	1310.7	0.64	1.6937	1217.519	118.000
119.000	0.8264	107.8064	113.5899	1.6982	0.4608	1.1941	650.23	0.9077	1281.7	0.63	1.6860	1210.125	119.000
120.000	0.8315	108.9662	114.7867	1.7082	0.4591	1.2013	643.34	0.8966	1253.3	0.62	1.6792	1202.651	120.000
121.000	0.8368	110.1359	115.9923	1.7182	0.4576	1.2088	636.33	0.8856	1225.6	0.61	1.6729	1195.084	121.000
122.000	0.8422	111.3108	117.2059	1.7282	0.4559	1.2168	629.21	0.8746	1198.4	0.61	1.6673	1187.430	122.000
123.000	0.8477	112.4924	118.4262	1.7380	0.4546	1.2256	621.96	0.8636	1171.9	0.60	1.6631	1179.684	123.000
124.000	0.8534	113.6830	119.6566	1.7480	0.4531	1.2346	614.59	0.8527	1145.9	0.59	1.6591	1171.835	124.000
125.000	0.8592	114.8815	120.8959	1.7580	0.4518	1.2444	607.08	0.8418	1120.5	0.58	1.6563	1163.881	125.000
126.000	0.8652	116.0897	122.1468	1.7680	0.4508	1.2546	599.43	0.8309	1095.5	0.57	1.6542	1155.808	126.000
127.000	0.8714	117.3061	123.4057	1.7781	0.4498	1.2656	591.65	0.8200	1071.1	0.56	1.6532	1147.630	127.000
128.000	0.8777	118.5333	124.6773	1.7878	0.4488	1.2774	583.71	0.8090	1047.1	0.56	1.6534	1139.313	128.000
129.000	0.8843	119.7766	125.9665	1.7978	0.4481	1.2902	575.63	0.7981	1023.5	0.55	1.6546	1130.872	129.000
130.000	0.8910	121.0199	127.2572	1.8079	0.4473	1.3034	567.40	0.7872	1000.3	0.54	1.6563	1122.283	130.000

THERMODYNAMIC PROPERTIES OF ARGON

70.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
131.000	0.8980	122.2819	128.5681	1.8179	0.4468	1.3188	558.99	0.7762	977.4	0.53	1.6596	1113.539	131.000
132.000	0.9053	123.5567	129.8936	1.8281	0.4463	1.3335	550.43	0.7652	954.9	0.52	1.6641	1104.634	132.000
133.000	0.9128	124.8466	131.2361	1.8381	0.4461	1.3505	541.68	0.7542	932.7	0.51	1.6701	1095.542	133.000
134.000	0.9206	126.1506	132.5946	1.8484	0.4458	1.3685	532.77	0.7431	910.9	0.50	1.6776	1086.278	134.000
135.000	0.9287	127.4722	133.9729	1.8587	0.4458	1.3878	523.67	0.7320	889.3	0.49	1.6866	1076.798	135.000
136.000	0.9371	128.8114	135.3712	1.8689	0.4458	1.4091	514.39	0.7208	867.9	0.48	1.6966	1067.103	136.000
137.000	0.9459	130.1705	136.7921	1.8794	0.4461	1.4319	504.89	0.7096	846.8	0.47	1.7087	1057.168	137.000
138.000	0.9551	131.5500	138.2359	1.8900	0.4466	1.4569	495.20	0.6983	825.8	0.46	1.7229	1046.965	138.000
139.000	0.9648	132.9530	139.7066	1.9005	0.4471	1.4839	485.30	0.6870	805.0	0.45	1.7388	1036.483	139.000
140.000	0.9749	134.3806	141.2046	1.9112	0.4478	1.5135	475.18	0.6756	784.4	0.44	1.7572	1025.701	140.000
141.000	0.9856	135.8346	142.7340	1.9220	0.4486	1.5460	464.84	0.6642	763.8	0.42	1.7778	1014.575	141.000
142.000	0.9969	137.3196	144.2981	1.9330	0.4498	1.5818	454.25	0.6529	743.3	0.41	1.8008	1003.078	142.000
143.000	1.0089	138.8366	145.8989	1.9443	0.4511	1.6214	443.43	0.6415	722.9	0.40	1.8271	991.174	143.000
144.000	1.0216	140.3901	147.5416	1.9558	0.4526	1.6662	432.35	0.6302	702.4	0.39	1.8559	978.818	144.000
145.000	1.0352	141.9848	149.2307	1.9676	0.4543	1.7142	421.01	0.6189	682.0	0.37	1.8890	965.955	145.000
146.000	1.0498	143.6238	150.9720	1.9796	0.4566	1.7696	409.37	0.6077	661.4	0.36	1.9259	952.526	146.000
147.000	1.0656	145.3148	152.7731	1.9918	0.4588	1.8319	397.45	0.5966	640.8	0.35	1.9676	938.451	147.000
148.000	1.0826	147.0607	154.6393	2.0044	0.4616	1.9032	385.23	0.5856	620.0	0.33	2.0150	923.662	148.000
149.000	1.1013	148.8743	156.5833	2.0176	0.4649	1.9853	372.65	0.5748	598.9	0.32	2.0698	908.026	149.000
150.000	1.1218	150.7624	158.6149	2.0311	0.4684	2.0812	359.74	0.5641	577.5	0.30	2.1306	891.436	150.000
151.000	1.1445	152.7392	160.7518	2.0454	0.4726	2.1944	346.47	0.5535	555.7	0.29	2.2031	873.719	151.000
152.000	1.1701	154.8206	163.0184	2.0602	0.4771	2.3306	332.86	0.5428	533.4	0.27	2.2897	854.660	152.000
153.000	1.1991	157.0271	165.4265	2.0759	0.4824	2.4968	318.73	0.5320	510.4	0.26	2.3947	833.986	153.000
154.000	1.2325	159.3887	168.0164	2.0930	0.4884	2.7025	304.26	0.5210	486.7	0.24	2.5246	811.340	154.000
155.000	1.2719	161.9418	170.8441	2.1112	0.4954	2.9644	289.43	0.5094	461.9	0.22	2.6879	786.241	155.000
156.000	1.3191	164.7351	173.9692	2.1313	0.5032	3.3013	274.35	0.4969	435.9	0.20	2.8968	758.065	156.000
157.000	1.3774	167.8366	177.4782	2.1538	0.5119	3.7324	259.31	0.4832	408.5	0.18	3.1554	726.623	157.000
158.000	1.4506	171.3115	181.4857	2.1791	0.5209	4.2555	244.98	0.4677	379.7	0.16	3.4548	689.371	158.000
159.000	1.5433	175.1911	185.9948	2.2076	0.5294	4.7897	232.18	0.4496	350.2	0.14	3.7368	647.973	159.000
160.000	1.6573	179.3822	190.9835	2.2389	0.5349	5.1399	222.42	0.4288	321.6	0.14	3.8567	603.379	160.000
161.000	1.7885	183.6326	196.1522	2.2712	0.5357	5.1347	216.23	0.4054	296.4	0.14	3.7541	559.128	161.000
162.000	1.9277	187.6533	201.1475	2.3020	0.5312	4.8185	213.14	0.3820	275.7	0.15	3.4762	518.741	162.000
163.000	2.0663	191.2722	205.7364	2.3303	0.5229	4.3522	212.11	0.3602	259.7	0.17	3.1379	483.954	163.000
164.000	2.1998	194.4544	209.8475	2.3563	0.5129	3.8753	212.29	0.3407	247.5	0.19	2.8152	454.748	164.000
165.000	2.3239	197.2367	213.5038	2.3776	0.5022	3.4495	213.16	0.3238	238.1	0.22	2.5365	430.316	165.000
166.000	2.4407	199.6838	216.7685	2.3974	0.4918	3.0918	214.48	0.3091	230.8	0.24	2.3088	409.723	166.000
167.000	2.5500	201.8567	219.7068	2.4161	0.4816	2.7949	216.84	0.2964	225.0	0.27	2.1216	392.154	167.000
168.000	2.6528	203.8058	222.3756	2.4339	0.4721	2.5513	217.39	0.2854	220.3	0.30	1.9694	376.967	168.000
169.000	2.7499	205.5735	224.8225	2.4454	0.4636	2.3498	218.99	0.2757	216.4	0.32	1.8444	363.655	169.000
170.000	2.8419	207.1925	227.0969	2.4589	0.4553	2.1813	220.62	0.2672	213.3	0.35	1.7413	351.874	170.000
171.000	2.9297	208.6863	229.1942	2.4712	0.4481	2.0392	222.24	0.2597	210.6	0.37	1.6536	341.332	171.000
172.000	3.0137	210.0755	231.1713	2.4827	0.4411	1.9182	223.85	0.2530	208.3	0.40	1.5793	331.826	172.000
173.000	3.0944	211.3751	233.0357	2.4935	0.4346	1.8139	225.44	0.2470	206.4	0.42	1.5157	323.167	173.000
174.000	3.1721	212.5981	234.8030	2.5038	0.4288	1.7232	227.01	0.2416	204.8	0.44	1.4608	315.246	174.000
175.000	3.2473	213.7548	236.4857	2.5133	0.4230	1.6436	228.55	0.2367	203.4	0.47	1.4124	307.951	175.000

THERMODYNAMIC PROPERTIES OF ARGON

70.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
176.000	3.3201	214.8528	238.8935	2.5225	0.4186	1.5735	230.07	0.2323	202.2	0.49	1.3697	301.196	176.000
177.000	3.3988	215.8991	239.8358	2.5313	0.4136	1.5112	231.56	0.2283	201.1	0.51	1.3312	294.912	177.000
178.000	3.4596	216.9885	241.1179	2.5396	0.4685	1.4554	233.03	0.2246	200.2	0.53	1.2973	289.048	178.000
179.000	3.5268	217.9683	242.5475	2.5476	0.4643	1.4051	234.47	0.2213	199.4	0.56	1.2668	283.547	179.000
180.000	3.5923	218.7835	243.9296	2.5553	0.4603	1.3598	235.88	0.2182	198.8	0.58	1.2389	278.374	180.000
181.000	3.6564	219.6741	245.2686	2.5628	0.3965	1.3185	237.27	0.2154	198.2	0.60	1.2132	273.496	181.000
182.000	3.7191	220.5340	246.5678	2.5698	0.3930	1.2809	238.64	0.2128	197.7	0.62	1.1900	268.882	182.000
183.000	3.7807	221.3662	247.8309	2.5768	0.3898	1.2464	239.99	0.2104	197.3	0.64	1.1688	264.504	183.000
184.000	3.8411	222.1739	249.0613	2.5836	0.3868	1.2146	241.31	0.2083	197.0	0.66	1.1487	260.345	184.000
185.000	3.9004	222.9585	250.2611	2.5901	0.3837	1.1853	242.61	0.2063	196.7	0.68	1.1301	256.386	185.000
186.000	3.9587	223.7218	251.4329	2.5964	0.3807	1.1583	243.89	0.2044	196.5	0.70	1.1135	252.607	186.000
187.000	4.0161	224.4649	252.5779	2.6024	0.3782	1.1332	245.15	0.2028	196.4	0.72	1.0975	248.996	187.000
188.000	4.0726	225.1900	253.6993	2.6084	0.3757	1.1097	246.39	0.2012	196.2	0.74	1.0821	245.540	188.000
189.000	4.1284	225.8989	254.7977	2.6144	0.3732	1.0879	247.62	0.1998	196.2	0.76	1.0683	242.225	189.000
190.000	4.1834	226.5917	255.8754	2.6199	0.3710	1.0674	248.82	0.1985	196.1	0.78	1.0545	239.041	190.000
191.000	4.2376	227.2703	256.9333	2.6254	0.3687	1.0484	250.01	0.1973	196.1	0.80	1.0420	235.985	191.000
192.000	4.2912	227.9344	257.9726	2.6309	0.3667	1.0303	251.18	0.1962	196.2	0.82	1.0303	233.037	192.000
193.000	4.3440	228.5861	258.9944	2.6362	0.3647	1.0136	252.34	0.1951	196.2	0.84	1.0193	230.200	193.000
194.000	4.3964	229.2251	259.9997	2.6414	0.3630	0.9975	253.48	0.1942	196.3	0.86	1.0083	227.460	194.000
195.000	4.4481	229.8531	260.9896	2.6464	0.3612	0.9825	254.61	0.1934	196.4	0.88	0.9978	224.815	195.000
196.000	4.4993	230.4705	261.9653	2.6514	0.3596	0.9685	255.72	0.1926	196.6	0.89	0.9886	222.259	196.000
197.000	4.5499	231.0776	262.9268	2.6565	0.3577	0.9550	256.82	0.1919	196.7	0.91	0.9789	219.788	197.000
198.000	4.5999	231.6749	263.8753	2.6612	0.3562	0.9422	257.91	0.1912	196.9	0.93	0.9703	217.389	198.000
199.000	4.6497	232.2637	264.8115	2.6660	0.3547	0.9302	258.98	0.1906	197.1	0.95	0.9619	215.068	199.000
200.000	4.6989	232.8433	265.7357	2.6705	0.3532	0.9187	260.05	0.1901	197.3	0.97	0.9535	212.815	200.000
202.000	4.7970	233.9780	267.5568	2.6797	0.3507	0.8972	262.13	0.1892	197.8	1.01	0.9379	208.466	202.000
204.000	4.8925	235.0848	269.3316	2.6885	0.3482	0.8779	264.18	0.1884	198.4	1.05	0.9245	204.394	204.000
206.000	4.9866	236.1629	271.0689	2.6970	0.3459	0.8601	266.18	0.1879	199.0	1.09	0.9109	200.539	206.000
208.000	5.0792	237.2182	272.7729	2.7050	0.3437	0.8438	268.14	0.1874	199.6	1.13	0.8988	196.880	208.000
210.000	5.1706	238.2567	274.4456	2.7130	0.3419	0.8288	270.07	0.1871	200.3	1.17	0.8873	193.400	210.000
212.000	5.2608	239.2829	276.0887	2.7210	0.3402	0.8151	271.96	0.1869	201.0	1.21	0.8765	190.085	212.000
214.000	5.3499	240.2967	277.7057	2.7285	0.3384	0.8023	273.81	0.1867	201.8	1.24	0.8672	186.921	214.000
216.000	5.4380	241.2327	279.2983	2.7358	0.3369	0.7905	275.64	0.1867	202.6	1.28	0.8579	183.893	216.000
218.000	5.5251	242.1925	280.8681	2.7431	0.3354	0.7795	277.44	0.1867	203.4	1.32	0.8492	180.992	218.000
220.000	5.6112	243.1384	282.4166	2.7503	0.3342	0.7692	279.21	0.1868	204.3	1.36	0.8413	178.216	220.000
222.000	5.6966	244.0692	283.9454	2.7571	0.3329	0.7597	280.95	0.1869	205.2	1.40	0.8341	175.544	222.000
224.000	5.7811	244.9862	285.4556	2.7638	0.3319	0.7507	282.66	0.1871	206.1	1.44	0.8279	172.979	224.000
226.000	5.8648	245.8955	286.9488	2.7706	0.3307	0.7422	284.36	0.1873	207.0	1.48	0.8203	170.510	226.000
228.000	5.9478	246.7963	288.4249	2.7771	0.3297	0.7345	286.03	0.1875	207.9	1.52	0.8144	168.129	228.000
230.000	6.0302	247.6750	289.8863	2.7834	0.3289	0.7269	287.67	0.1878	208.8	1.56	0.8082	165.832	230.000
232.000	6.1119	248.5499	291.3332	2.7896	0.3279	0.7199	289.30	0.1882	209.8	1.60	0.8028	163.615	232.000
234.000	6.1930	249.4159	292.7666	2.7959	0.3272	0.7134	290.91	0.1885	210.8	1.64	0.7978	161.474	234.000
236.000	6.2733	250.2735	294.1869	2.8019	0.3264	0.7072	292.49	0.1889	211.8	1.68	0.7929	159.405	236.000
238.000	6.3533	251.1223	295.5953	2.8079	0.3257	0.7012	294.06	0.1893	212.8	1.72	0.7882	157.399	238.000
240.000	6.4326	251.9628	296.9923	2.8137	0.3249	0.6957	295.61	0.1897	213.8	1.76	0.7840	155.454	240.000

THERMODYNAMIC PROPERTIES OF ARGON

70.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
242.000	0.5116	252.7970	290.3781	2.8194	0.3244	0.6984	297.14	0.1982	214.8	1.79	0.7797	153.572	242.000
244.000	0.5981	253.6232	299.7539	2.8252	0.3237	0.6854	298.66	0.1987	215.8	1.83	0.7756	151.742	244.000
246.000	0.6661	254.4433	301.1197	2.8307	0.3232	0.6806	300.18	0.1912	216.9	1.87	0.7721	149.969	246.000
248.000	0.7455	255.2677	302.4762	2.8362	0.3227	0.6761	301.65	0.1917	217.9	1.91	0.7685	148.247	248.000
250.000	0.8225	256.0960	303.8237	2.8414	0.3222	0.6716	303.12	0.1922	219.0	1.95	0.7653	146.573	250.000
252.000	0.8992	256.9282	305.1630	2.8470	0.3217	0.6676	304.57	0.1927	220.0	1.99	0.7622	144.943	252.000
254.000	0.9754	257.7665	306.4942	2.8522	0.3212	0.6636	306.02	0.1933	221.1	2.03	0.7591	143.361	254.000
256.000	7.0512	258.4589	307.8174	2.8575	0.3207	0.6599	307.45	0.1938	222.2	2.07	0.7566	141.819	256.000
258.000	7.1269	259.2458	309.1334	2.8625	0.3204	0.6561	308.86	0.1944	223.2	2.11	0.7533	140.313	258.000
260.000	7.2020	260.0284	310.4420	2.8675	0.3199	0.6528	310.27	0.1950	224.3	2.16	0.7509	138.861	260.000
262.000	7.2769	260.8059	311.7442	2.8725	0.3197	0.6493	311.66	0.1956	225.4	2.19	0.7483	137.421	262.000
264.000	7.3513	261.5811	313.0399	2.8775	0.3194	0.6463	313.04	0.1962	226.5	2.23	0.7462	136.031	264.000
266.000	7.4254	262.3515	314.3294	2.8822	0.3189	0.6433	314.41	0.1968	227.6	2.27	0.7446	134.673	266.000
268.000	7.4995	263.1166	315.6130	2.8870	0.3187	0.6403	315.77	0.1974	228.7	2.31	0.7419	133.342	268.000
270.000	7.5730	263.8797	316.8907	2.8918	0.3184	0.6376	317.11	0.1981	229.8	2.35	0.7396	132.048	270.000
272.000	7.6463	264.6388	318.1631	2.8965	0.3182	0.6348	318.45	0.1987	230.8	2.39	0.7374	130.782	272.000
274.000	7.7194	265.3943	319.4302	2.9013	0.3179	0.6323	319.78	0.1994	231.9	2.43	0.7354	129.543	274.000
276.000	7.7922	266.1465	320.6921	2.9058	0.3177	0.6298	321.09	0.2000	233.0	2.47	0.7337	128.333	276.000
278.000	7.8647	266.8964	321.9493	2.9103	0.3174	0.6273	322.40	0.2007	234.2	2.52	0.7320	127.150	278.000
280.000	7.9370	267.6423	323.2014	2.9148	0.3172	0.6251	323.70	0.2014	235.3	2.56	0.7303	125.992	280.000
282.000	8.0091	268.3851	324.4490	2.9193	0.3169	0.6228	324.99	0.2021	236.4	2.60	0.7285	124.857	282.000
284.000	8.0807	269.1274	325.6926	2.9238	0.3169	0.6206	326.27	0.2027	237.6	2.64	0.7271	123.751	284.000
286.000	8.1520	269.8638	326.9320	2.9281	0.3167	0.6186	327.54	0.2034	238.6	2.68	0.7256	122.666	286.000
288.000	8.2230	270.6001	328.1671	2.9323	0.3164	0.6166	328.80	0.2041	239.7	2.72	0.7241	121.598	288.000
290.000	8.2950	271.3334	329.3982	2.9366	0.3162	0.6145	330.05	0.2048	240.8	2.76	0.7226	120.555	290.000
292.000	8.3659	272.0646	330.6255	2.9408	0.3162	0.6128	331.30	0.2055	241.9	2.81	0.7213	119.532	292.000
294.000	8.4367	272.7926	331.8494	2.9448	0.3159	0.6110	332.54	0.2062	243.0	2.85	0.7201	118.530	294.000
296.000	8.5072	273.5188	333.0695	2.9491	0.3159	0.6093	333.77	0.2070	244.1	2.89	0.7185	117.547	296.000
298.000	8.5776	274.2419	334.2863	2.9531	0.3157	0.6075	334.99	0.2077	245.3	2.93	0.7175	116.580	298.000
300.000	8.6480	274.9636	335.4996	2.9573	0.3154	0.6058	336.21	0.2084	246.4	2.98	0.7162	115.633	300.000
302.000	8.7179	275.6845	336.7097	2.9613	0.3154	0.6043	337.42	0.2091	247.5	3.02	0.7153	114.707	302.000
304.000	8.7880	276.4012	337.9170	2.9654	0.3152	0.6028	338.62	0.2098	248.6	3.06	0.7143	113.792	304.000
306.000	8.8576	277.1176	339.1208	2.9691	0.3152	0.6013	339.81	0.2106	249.7	3.10	0.7129	112.897	306.000
308.000	8.9271	277.8320	340.3219	2.9731	0.3152	0.5998	341.00	0.2113	250.8	3.14	0.7119	112.018	308.000
310.000	8.9964	278.5453	341.5202	2.9769	0.3149	0.5985	342.18	0.2120	251.9	3.19	0.7112	111.155	310.000
312.000	9.0655	279.2573	342.7158	2.9809	0.3149	0.5970	343.36	0.2128	253.0	3.23	0.7098	110.308	312.000
314.000	9.1346	279.9682	343.9088	2.9846	0.3147	0.5958	344.53	0.2135	254.2	3.27	0.7093	109.474	314.000
316.000	9.2035	280.6743	345.0988	2.9884	0.3147	0.5945	345.69	0.2143	255.3	3.32	0.7083	108.655	316.000
318.000	9.2723	281.3800	346.2864	2.9921	0.3147	0.5933	346.85	0.2150	256.4	3.36	0.7075	107.848	318.000
320.000	9.3412	282.0833	347.4717	2.9959	0.3144	0.5920	348.00	0.2158	257.5	3.41	0.7064	107.053	320.000
322.000	9.4097	282.7868	348.6545	2.9996	0.3144	0.5908	349.14	0.2165	258.6	3.45	0.7056	106.274	322.000
324.000	9.4781	283.4886	349.8350	3.0032	0.3144	0.5898	350.28	0.2173	259.7	3.49	0.7048	105.507	324.000
326.000	9.5464	284.1883	351.0130	3.0069	0.3142	0.5885	351.41	0.2180	260.8	3.54	0.7041	104.752	326.000
328.000	9.6142	284.8896	352.1891	3.0104	0.3142	0.5875	352.54	0.2188	261.9	3.58	0.7032	104.013	328.000
330.000	9.6823	285.5870	353.3629	3.0139	0.3142	0.5866	353.66	0.2196	263.0	3.63	0.7024	103.282	330.000

THERMODYNAMIC PROPERTIES OF ARGON

70.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
332.000	9.7502	286.2838	354.5349	3.0174	0.3142	0.5855	354.78	0.2203	264.1	3.67	0.7019	102.563	332.000
334.000	9.8178	286.9798	355.7047	3.0212	0.3139	0.5845	355.89	0.2211	265.2	3.71	0.7011	101.856	334.000
336.000	9.8857	287.6726	356.8724	3.0244	0.3139	0.5835	357.00	0.2218	266.3	3.76	0.7006	101.156	336.000
338.000	9.9538	288.3654	358.0384	3.0279	0.3139	0.5825	358.10	0.2226	267.4	3.80	0.6997	100.469	338.000
340.000	10.0206	289.0500	359.2025	3.0314	0.3139	0.5815	359.20	0.2234	268.5	3.85	0.6989	99.794	340.000
342.000	10.0881	289.7479	360.3644	3.0349	0.3139	0.5808	360.29	0.2241	269.6	3.89	0.6987	99.127	342.000
344.000	10.1552	290.4386	361.5250	3.0382	0.3137	0.5798	361.37	0.2249	270.7	3.94	0.6978	98.472	344.000
346.000	10.2224	291.1269	362.6835	3.0417	0.3137	0.5790	362.46	0.2257	271.8	3.98	0.6973	97.825	346.000
348.000	10.2892	291.8165	363.8407	3.0450	0.3137	0.5780	363.53	0.2264	272.9	4.03	0.6967	97.189	348.000
350.000	10.3560	292.5037	364.9957	3.0482	0.3137	0.5773	364.60	0.2272	274.0	4.08	0.6962	96.562	350.000
352.000	10.4228	293.1896	366.1495	3.0515	0.3137	0.5765	365.67	0.2280	275.1	4.12	0.6956	95.943	352.000
354.000	10.4897	293.8741	367.3017	3.0547	0.3137	0.5757	366.74	0.2287	276.2	4.17	0.6953	95.332	354.000
356.000	10.5565	294.5567	368.4520	3.0580	0.3134	0.5750	367.79	0.2295	277.3	4.21	0.6948	94.729	356.000
358.000	10.6228	295.2419	369.6012	3.0612	0.3134	0.5742	368.85	0.2303	278.4	4.26	0.6942	94.137	358.000
360.000	10.6894	295.9226	370.7487	3.0645	0.3134	0.5735	369.90	0.2311	279.5	4.31	0.6936	93.556	360.000
362.000	10.7556	296.6059	371.8950	3.0675	0.3134	0.5727	370.94	0.2318	280.5	4.35	0.6931	92.975	362.000
364.000	10.8221	297.2852	373.0397	3.0707	0.3134	0.5720	371.99	0.2326	281.6	4.40	0.6925	92.404	364.000
366.000	10.8884	297.9638	374.1829	3.0740	0.3134	0.5712	373.02	0.2334	282.7	4.45	0.6919	91.848	366.000
368.000	10.9542	298.6458	375.3252	3.0770	0.3134	0.5707	374.06	0.2342	283.8	4.49	0.6916	91.289	368.000
370.000	11.0203	299.3238	376.4656	3.0800	0.3134	0.5700	375.09	0.2349	284.9	4.54	0.6913	90.742	370.000
372.000	11.0862	300.0020	377.6051	3.0833	0.3134	0.5695	376.11	0.2357	285.9	4.59	0.6908	90.203	372.000
374.000	11.1523	300.6778	378.7433	3.0863	0.3132	0.5687	377.13	0.2365	287.0	4.64	0.6902	89.667	374.000
376.000	11.2178	301.3557	379.8803	3.0893	0.3132	0.5682	378.15	0.2373	288.1	4.68	0.6899	89.144	376.000
378.000	11.2835	302.0316	381.0158	3.0923	0.3132	0.5675	379.17	0.2380	289.2	4.73	0.6896	88.625	378.000
380.000	11.3496	302.7038	382.1505	3.0953	0.3132	0.5670	380.18	0.2388	290.2	4.78	0.6890	88.109	380.000
382.000	11.4153	303.3769	383.2838	3.0983	0.3132	0.5665	381.18	0.2396	291.3	4.83	0.6887	87.602	382.000
384.000	11.4807	304.0510	384.4160	3.1013	0.3132	0.5657	382.19	0.2403	292.4	4.88	0.6884	87.103	384.000
386.000	11.5458	304.7263	385.5472	3.1040	0.3132	0.5652	383.19	0.2411	293.4	4.92	0.6878	86.611	386.000
388.000	11.6112	305.3989	386.6772	3.1070	0.3132	0.5647	384.18	0.2419	294.5	4.97	0.6875	86.124	388.000
390.000	11.6767	306.0691	387.8061	3.1100	0.3132	0.5642	385.17	0.2427	295.6	5.02	0.6872	85.641	390.000
392.000	11.7419	306.7408	388.9341	3.1128	0.3132	0.5637	386.16	0.2434	296.6	5.07	0.6869	85.165	392.000
394.000	11.8072	307.4103	390.0611	3.1158	0.3132	0.5632	387.15	0.2442	297.7	5.12	0.6865	84.694	394.000
396.000	11.8722	308.0810	391.1870	3.1188	0.3132	0.5627	388.13	0.2450	298.8	5.17	0.6863	84.230	396.000
398.000	11.9373	308.7506	392.3120	3.1218	0.3132	0.5622	389.11	0.2458	299.8	5.22	0.6857	83.771	398.000
400.000	12.0026	309.4186	393.4360	3.1248	0.3129	0.5617	390.08	0.2465	300.9	5.27	0.6857	83.316	400.000

THERMODYNAMIC PROPERTIES OF ARGON

80.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
86.000	0.7007	70.1556	75.7618	1.3188	0.7522	1.2994	785.82	1.3584	2951.3	0.73	2.8232	1427.194	86.000
87.000	0.7036	71.4168	77.0459	1.3327	0.7214	1.2669	788.35	1.3399	2863.0	0.74	2.7878	1421.196	87.000
88.000	0.7066	72.6437	78.2965	1.3473	0.6942	1.2396	790.34	1.3221	2779.3	0.75	2.6059	1415.222	88.000
89.000	0.7096	73.8479	79.5246	1.3618	0.6696	1.2163	791.72	1.3049	2699.7	0.76	2.5165	1409.266	89.000
90.000	0.7126	75.0328	80.7334	1.3745	0.6478	1.1966	792.50	1.2881	2623.7	0.77	2.4372	1403.305	90.000
91.000	0.7156	76.1954	81.9265	1.3876	0.6286	1.1800	792.79	1.2719	2551.4	0.77	2.3671	1397.369	91.000
92.000	0.7187	77.3433	83.0928	1.4006	0.6113	1.1660	792.48	1.2561	2482.2	0.77	2.3042	1391.425	92.000
93.000	0.7218	78.4783	84.2525	1.4131	0.5960	1.1545	791.64	1.2407	2415.9	0.78	2.2481	1385.461	93.000
94.000	0.7249	79.6035	85.4028	1.4254	0.5823	1.1450	790.07	1.2256	2352.2	0.78	2.1975	1379.472	94.000
95.000	0.7281	80.7181	86.5427	1.4374	0.5700	1.1375	788.13	1.2109	2291.2	0.78	2.1523	1373.472	95.000
96.000	0.7313	81.8281	87.6785	1.4491	0.5587	1.1312	785.73	1.1965	2232.5	0.77	2.1107	1367.444	96.000
97.000	0.7345	82.9383	88.8067	1.4609	0.5490	1.1267	782.86	1.1824	2176.0	0.77	2.0735	1361.384	97.000
98.000	0.7378	84.0274	89.9362	1.4724	0.5402	1.1232	779.63	1.1686	2121.6	0.77	2.0392	1355.292	98.000
99.000	0.7412	85.1235	91.0531	1.4839	0.5319	1.1207	776.00	1.1550	2069.1	0.76	2.0077	1349.156	99.000
100.000	0.7446	86.2167	92.1736	1.4952	0.5247	1.1192	772.07	1.1417	2018.4	0.76	1.9786	1342.984	100.000
101.000	0.7481	87.3072	93.2918	1.5062	0.5182	1.1185	767.78	1.1285	1969.5	0.75	1.9520	1336.768	101.000
102.000	0.7516	88.3965	94.4092	1.5172	0.5122	1.1185	763.28	1.1156	1922.2	0.75	1.9271	1330.512	102.000
103.000	0.7552	89.4876	95.5289	1.5282	0.5069	1.1192	758.61	1.1028	1876.4	0.74	1.9043	1324.204	103.000
104.000	0.7588	90.5782	96.6486	1.5390	0.5019	1.1202	753.55	1.0902	1832.1	0.74	1.8825	1317.857	104.000
105.000	0.7625	91.6705	97.7706	1.5498	0.4971	1.1220	748.39	1.0778	1789.1	0.73	1.8624	1311.457	105.000
106.000	0.7663	92.7631	98.8933	1.5603	0.4929	1.1242	743.08	1.0655	1747.5	0.73	1.8438	1305.013	106.000
107.000	0.7701	93.8567	100.0165	1.5710	0.4891	1.1267	737.61	1.0534	1707.2	0.72	1.8268	1298.522	107.000
108.000	0.7740	94.9544	101.1405	1.5816	0.4854	1.1295	731.99	1.0414	1668.1	0.71	1.8092	1291.966	108.000
109.000	0.7780	96.0536	102.2775	1.5918	0.4821	1.1327	726.25	1.0295	1630.1	0.71	1.7935	1285.367	109.000
110.000	0.7820	97.1564	103.4127	1.6023	0.4789	1.1362	720.46	1.0178	1593.1	0.70	1.7785	1278.708	110.000
111.000	0.7862	98.2603	104.5497	1.6126	0.4759	1.1400	714.44	1.0061	1557.3	0.69	1.7645	1271.996	111.000
112.000	0.7904	99.3685	105.6914	1.6229	0.4731	1.1442	708.42	0.9946	1522.5	0.69	1.7516	1265.237	112.000
113.000	0.7947	100.4809	106.8381	1.6329	0.4706	1.1485	702.28	0.9832	1488.6	0.68	1.7389	1258.416	113.000
114.000	0.7990	101.5974	107.9896	1.6431	0.4681	1.1532	696.04	0.9719	1455.5	0.67	1.7271	1251.519	114.000
115.000	0.8035	102.7172	109.1451	1.6531	0.4659	1.1580	689.71	0.9606	1423.4	0.67	1.7159	1244.572	115.000
116.000	0.8080	103.8415	110.3059	1.6632	0.4636	1.1633	683.29	0.9495	1392.1	0.66	1.7055	1237.557	116.000
117.000	0.8127	104.9699	111.4714	1.6732	0.4616	1.1688	676.80	0.9384	1361.6	0.65	1.6959	1230.482	117.000
118.000	0.8174	106.1031	112.6427	1.6832	0.4596	1.1745	670.22	0.9273	1331.8	0.65	1.6869	1223.328	118.000
119.000	0.8223	107.2424	113.8207	1.6932	0.4578	1.1805	663.53	0.9164	1302.8	0.64	1.6783	1216.109	119.000
120.000	0.8273	108.3867	115.0048	1.7030	0.4561	1.1870	656.76	0.9055	1274.4	0.63	1.6706	1208.819	120.000
121.000	0.8323	109.5358	116.1936	1.7130	0.4543	1.1938	649.92	0.8946	1246.8	0.62	1.6638	1201.456	121.000
122.000	0.8375	110.6915	117.3916	1.7227	0.4528	1.2008	642.97	0.8838	1219.8	0.62	1.6573	1194.010	122.000
123.000	0.8428	111.8533	118.5959	1.7328	0.4513	1.2086	635.91	0.8731	1193.3	0.61	1.6518	1186.480	123.000
124.000	0.8483	113.0225	119.8087	1.7425	0.4501	1.2166	628.74	0.8623	1167.5	0.60	1.6472	1178.854	124.000
125.000	0.8539	114.1987	121.0296	1.7523	0.4488	1.2251	621.48	0.8516	1142.1	0.59	1.6430	1171.144	125.000
126.000	0.8596	115.3824	122.2592	1.7620	0.4476	1.2341	614.11	0.8410	1117.3	0.59	1.6396	1163.334	126.000
127.000	0.8655	116.5735	123.4973	1.7718	0.4466	1.2436	606.63	0.8303	1093.1	0.58	1.6372	1155.428	127.000
128.000	0.8715	117.7749	124.7472	1.7816	0.4456	1.2539	599.01	0.8196	1069.2	0.57	1.6357	1147.406	128.000
129.000	0.8778	118.9835	126.0055	1.7913	0.4446	1.2646	591.28	0.8090	1045.9	0.56	1.6350	1139.269	129.000
130.000	0.8842	120.2025	127.2757	1.8013	0.4438	1.2762	583.44	0.7984	1022.9	0.55	1.6350	1131.024	130.000

THERMODYNAMIC PROPERTIES OF ARGON

80.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
131.000	0.8908	121.4311	128.5571	1.8111	0.4431	1.2884	575.45	0.7877	1000.4	0.54	1.6363	1122.643	131.000
132.000	0.8976	122.6722	129.8528	1.8289	0.4426	1.3014	567.33	0.7776	978.2	0.54	1.6384	1114.118	132.000
133.000	0.9046	123.9247	131.1615	1.8369	0.4421	1.3156	559.08	0.7663	956.3	0.53	1.6416	1105.453	133.000
134.000	0.9119	125.1891	132.4842	1.8466	0.4416	1.3305	550.68	0.7556	934.8	0.52	1.6466	1096.629	134.000
135.000	0.9194	126.4674	133.8227	1.8567	0.4413	1.3465	542.15	0.7449	913.6	0.51	1.6514	1087.648	135.000
136.000	0.9272	127.7602	135.1780	1.8667	0.4411	1.3638	533.47	0.7341	892.7	0.50	1.6584	1078.484	136.000
137.000	0.9353	129.0685	136.5513	1.8767	0.4411	1.3823	524.62	0.7233	872.1	0.49	1.6667	1069.124	137.000
138.000	0.9438	130.3928	137.9431	1.8869	0.4413	1.4023	515.63	0.7125	851.7	0.48	1.6763	1059.565	138.000
139.000	0.9526	131.7346	139.3551	1.8918	0.4413	1.4236	506.48	0.7017	831.5	0.47	1.6869	1049.793	139.000
140.000	0.9618	133.0976	140.7918	1.9012	0.4418	1.4469	497.15	0.6908	811.5	0.46	1.6997	1039.763	140.000
141.000	0.9713	134.4791	142.2499	1.9117	0.4423	1.4719	487.67	0.6799	791.7	0.45	1.7139	1029.496	141.000
142.000	0.9814	135.8844	143.7356	1.9222	0.4428	1.4989	478.01	0.6690	772.0	0.44	1.7297	1018.946	142.000
143.000	0.9920	137.3125	145.2483	1.9328	0.4436	1.5282	468.18	0.6582	752.5	0.43	1.7472	1008.096	143.000
144.000	1.0031	138.7677	146.7923	1.9435	0.4446	1.5603	458.19	0.6474	733.1	0.42	1.7668	996.926	144.000
145.000	1.0148	140.2518	148.3704	1.9545	0.4456	1.5953	448.00	0.6366	713.8	0.40	1.7888	985.393	145.000
146.000	1.0273	141.7665	149.9845	1.9656	0.4468	1.6334	437.64	0.6259	694.5	0.39	1.8124	973.473	146.000
147.000	1.0404	143.3147	151.6381	1.9768	0.4483	1.6754	427.09	0.6153	675.3	0.38	1.8388	961.137	147.000
148.000	1.0545	144.9000	153.3358	1.9883	0.4501	1.7215	416.36	0.6049	656.1	0.37	1.8672	948.334	148.000
149.000	1.0695	146.5268	155.0829	2.0001	0.4518	1.7728	405.43	0.5946	636.8	0.36	1.8989	935.007	149.000
150.000	1.0856	148.1981	156.8832	2.0121	0.4541	1.8296	394.32	0.5844	617.6	0.35	1.9336	921.117	150.000
151.000	1.1030	149.9196	158.7439	2.0246	0.4566	1.8932	383.01	0.5743	598.2	0.33	1.9728	906.588	151.000
152.000	1.1219	151.6972	160.6724	2.0374	0.4591	1.9648	371.52	0.5644	578.7	0.32	2.0146	891.348	152.000
153.000	1.1424	153.5374	162.6778	2.0504	0.4621	2.0459	359.84	0.5546	559.1	0.31	2.0625	875.313	153.000
154.000	1.1650	155.4478	164.7677	2.0642	0.4654	2.1388	348.00	0.5448	539.3	0.30	2.1164	858.383	154.000
155.000	1.1899	157.4383	166.9573	2.0782	0.4691	2.2437	336.00	0.5348	519.2	0.28	2.1782	840.426	155.000
156.000	1.2176	159.5197	169.2663	2.0930	0.4731	2.3653	323.88	0.5247	498.9	0.27	2.2490	821.387	156.000
157.000	1.2486	161.7849	171.6939	2.1085	0.4774	2.5058	311.71	0.5142	478.3	0.26	2.3308	800.878	157.000
158.000	1.2836	164.0882	174.2785	2.1256	0.4821	2.6677	299.55	0.5032	457.3	0.24	2.4244	778.938	158.000
159.000	1.3240	166.4455	177.0371	2.1423	0.4869	2.8527	287.55	0.4914	436.0	0.23	2.5311	755.313	159.000
160.000	1.3702	169.0360	179.9912	2.1608	0.4919	3.0585	275.92	0.4787	414.4	0.21	2.6477	729.846	160.000
161.000	1.4235	171.7698	183.1579	2.1806	0.4969	3.2753	264.94	0.4649	392.7	0.20	2.7666	702.496	161.000
162.000	1.4850	174.6576	186.5377	2.2016	0.5014	3.4820	254.98	0.4499	371.2	0.19	2.8729	673.392	162.000
163.000	1.5552	177.6668	190.1074	2.2236	0.5047	3.6462	246.43	0.4338	350.4	0.19	2.9452	643.003	163.000
164.000	1.6336	180.7359	193.8849	2.2462	0.5062	3.7339	239.58	0.4168	330.9	0.18	2.9643	612.131	164.000
165.000	1.7188	183.7915	197.5423	2.2689	0.5059	3.7263	234.58	0.3996	313.1	0.18	2.9197	581.787	165.000
166.000	1.8086	186.7582	201.2271	2.2912	0.5034	3.6380	231.85	0.3827	297.5	0.19	2.8218	552.912	166.000
167.000	1.9005	189.5764	204.7887	2.3125	0.4989	3.4693	228.94	0.3665	284.1	0.20	2.6893	526.167	167.000
168.000	1.9926	192.2128	208.1531	2.3325	0.4931	3.2728	227.84	0.3515	272.8	0.21	2.5400	501.847	168.000
169.000	2.0834	194.6548	211.3222	2.3513	0.4866	3.0645	227.48	0.3377	263.3	0.23	2.3893	479.979	169.000
170.000	2.1719	196.9078	214.2833	2.3688	0.4794	2.8666	227.65	0.3252	255.3	0.25	2.2456	460.417	170.000
171.000	2.2577	198.9852	217.0471	2.3851	0.4721	2.6897	228.18	0.3138	248.6	0.27	2.1158	442.919	171.000
172.000	2.3406	200.9039	219.6288	2.4001	0.4649	2.4966	228.96	0.3035	243.0	0.28	1.9984	427.248	172.000
173.000	2.4205	202.6816	222.0454	2.4141	0.4581	2.3463	229.91	0.2942	238.2	0.30	1.8948	413.138	173.000
174.000	2.4977	204.3336	224.3148	2.4272	0.4513	2.2019	230.98	0.2858	234.1	0.32	1.8036	400.376	174.000
175.000	2.5721	205.8775	226.4544	2.4394	0.4448	2.0790	232.14	0.2782	230.6	0.34	1.7232	388.786	175.000

THERMODYNAMIC PROPERTIES OF ARGON

80.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
176.000	2.6441	207.3244	228.4773	2.4589	0.4388	1.9781	233.35	0.2713	227.6	0.36	1.6527	378.208	176.000
177.000	2.7138	208.6072	230.3978	2.4628	0.4331	1.8732	234.59	0.2656	224.9	0.38	1.5897	368.484	177.000
178.000	2.7814	209.9763	232.2266	2.4722	0.4276	1.7868	235.85	0.2593	222.6	0.40	1.5339	359.528	178.000
179.000	2.8471	211.1971	233.9739	2.4820	0.4225	1.7095	237.13	0.2540	220.6	0.42	1.4847	351.236	179.000
180.000	2.9110	212.3801	235.6481	2.4912	0.4175	1.6404	238.41	0.2492	218.9	0.44	1.4409	343.525	180.000
181.000	2.9733	213.4708	237.2569	2.5003	0.4130	1.5778	239.69	0.2448	217.3	0.46	1.4006	336.338	181.000
182.000	3.0340	214.5335	238.8057	2.5088	0.4088	1.5212	240.97	0.2408	215.9	0.48	1.3639	329.595	182.000
183.000	3.0934	215.5539	240.3009	2.5170	0.4048	1.4699	242.24	0.2371	214.7	0.50	1.3310	323.271	183.000
184.000	3.1515	216.5351	241.7470	2.5248	0.4008	1.4234	243.50	0.2337	213.7	0.52	1.3015	317.311	184.000
185.000	3.2084	217.4814	243.1486	2.5325	0.3973	1.3805	244.74	0.2305	212.7	0.54	1.2739	311.682	185.000
186.000	3.2642	218.3955	244.5088	2.5398	0.3938	1.3412	245.98	0.2276	211.9	0.55	1.2487	306.357	186.000
187.000	3.3190	219.2802	245.8318	2.5468	0.3905	1.3049	247.20	0.2250	211.2	0.57	1.2249	301.300	187.000
188.000	3.3727	220.1384	247.1206	2.5538	0.3875	1.2717	248.41	0.2225	210.5	0.59	1.2031	296.498	188.000
189.000	3.4256	220.9711	248.3769	2.5603	0.3845	1.2409	249.61	0.2202	210.0	0.61	1.1834	291.928	189.000
190.000	3.4777	221.7807	249.6026	2.5668	0.3817	1.2121	250.79	0.2181	209.5	0.63	1.1643	287.550	190.000
191.000	3.5289	222.5694	250.8005	2.5731	0.3792	1.1855	251.96	0.2162	209.1	0.64	1.1466	283.375	191.000
192.000	3.5794	223.3383	251.9736	2.5794	0.3767	1.1605	253.12	0.2144	208.7	0.66	1.1297	279.378	192.000
193.000	3.6292	224.0883	253.1220	2.5854	0.3742	1.1372	254.27	0.2127	208.4	0.68	1.1142	275.541	193.000
194.000	3.6783	224.8218	254.2485	2.5911	0.3720	1.1155	255.40	0.2112	208.2	0.70	1.0996	271.862	194.000
195.000	3.7269	225.5388	255.3537	2.5969	0.3700	1.0952	256.52	0.2098	208.0	0.71	1.0858	268.323	195.000
196.000	3.7747	226.2418	256.4388	2.6024	0.3680	1.0759	257.62	0.2085	207.8	0.73	1.0723	264.919	196.000
197.000	3.8221	226.9288	257.5057	2.6076	0.3660	1.0579	258.72	0.2073	207.7	0.75	1.0599	261.636	197.000
198.000	3.8689	227.6037	258.5549	2.6131	0.3640	1.0406	259.80	0.2061	207.6	0.77	1.0482	258.472	198.000
199.000	3.9152	228.2657	259.5872	2.6182	0.3622	1.0246	260.87	0.2051	207.5	0.78	1.0366	255.416	199.000
200.000	3.9610	228.9163	260.6040	2.6234	0.3605	1.0093	261.93	0.2042	207.5	0.80	1.0256	252.463	200.000
202.000	4.0520	230.1840	262.5996	2.6334	0.3575	0.9810	264.01	0.2025	207.5	0.84	1.0052	246.796	202.000
204.000	4.1405	231.4118	264.5356	2.6429	0.3545	0.9557	266.06	0.2011	207.7	0.87	0.9871	241.518	204.000
206.000	4.2275	232.6041	266.4238	2.6519	0.3517	0.9325	268.06	0.1999	207.9	0.91	0.9698	236.548	206.000
208.000	4.3130	233.7636	268.2675	2.6610	0.3492	0.9117	270.03	0.1990	208.2	0.94	0.9538	231.858	208.000
210.000	4.3972	234.8939	270.0711	2.6697	0.3470	0.8924	271.96	0.1982	208.6	0.98	0.9392	227.420	210.000
212.000	4.4801	235.9973	271.8381	2.6780	0.3449	0.8749	273.86	0.1975	209.0	1.01	0.9258	223.209	212.000
214.000	4.5619	237.0761	273.5714	2.6860	0.3429	0.8586	275.72	0.1970	209.5	1.05	0.9131	219.207	214.000
216.000	4.6427	238.1319	275.2736	2.6940	0.3412	0.8436	277.56	0.1966	210.1	1.08	0.9015	215.392	216.000
218.000	4.7224	239.1675	276.9467	2.7018	0.3394	0.8298	279.36	0.1963	210.7	1.12	0.8907	211.756	218.000
220.000	4.8012	240.1840	278.5937	2.7093	0.3379	0.8171	281.14	0.1961	211.3	1.15	0.8804	208.281	220.000
222.000	4.8792	241.1824	280.2158	2.7165	0.3364	0.8056	282.89	0.1959	212.0	1.19	0.8712	204.953	222.000
224.000	4.9563	242.1643	281.8143	2.7238	0.3352	0.7948	284.61	0.1958	212.7	1.22	0.8626	201.765	224.000
226.000	5.0326	243.1315	283.3922	2.7308	0.3339	0.7835	286.32	0.1958	213.4	1.26	0.8539	198.705	226.000
228.000	5.1082	244.0839	284.9492	2.7376	0.3329	0.7738	287.99	0.1959	214.2	1.29	0.8460	195.765	228.000
230.000	5.1830	245.0233	286.4877	2.7443	0.3317	0.7647	289.65	0.1960	215.0	1.33	0.8389	192.937	230.000
232.000	5.2573	245.9501	288.0084	2.7508	0.3307	0.7562	291.29	0.1961	215.8	1.36	0.8322	190.212	232.000
234.000	5.3308	246.8657	289.5124	2.7573	0.3297	0.7480	292.90	0.1963	216.6	1.40	0.8263	187.588	234.000
236.000	5.4038	247.7704	291.0008	2.7638	0.3289	0.7405	294.49	0.1965	217.5	1.43	0.8196	185.055	236.000
238.000	5.4763	248.6641	292.4742	2.7699	0.3279	0.7332	296.07	0.1967	218.4	1.47	0.8141	182.606	238.000
240.000	5.5481	249.5489	293.9339	2.7761	0.3272	0.7264	297.63	0.1970	219.2	1.50	0.8083	180.241	240.000

THERMODYNAMIC PROPERTIES OF ARGON

80.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
242.000	5.6195	250.4241	295.3000	2.7821	0.3264	0.7199	299.17	0.1973	220.1	1.54	0.8031	177.952	242.000
244.000	5.6984	251.2900	296.2138	2.7879	0.3259	0.7139	300.70	0.1976	221.1	1.57	0.7988	175.735	244.000
246.000	5.7668	252.1493	298.2359	2.7939	0.3252	0.7082	302.21	0.1980	222.0	1.61	0.7940	173.586	246.000
248.000	5.8307	253.0003	299.0463	2.7994	0.3247	0.7027	303.70	0.1984	222.9	1.65	0.7894	171.505	248.000
250.000	5.9003	253.8441	301.0464	2.8051	0.3239	0.6974	305.18	0.1988	223.9	1.68	0.7855	169.483	250.000
252.000	5.9695	254.6881	302.4382	2.8107	0.3234	0.6924	306.64	0.1992	224.9	1.72	0.7817	167.518	252.000
254.000	6.0382	255.5184	303.8159	2.8162	0.3229	0.6876	308.09	0.1996	225.8	1.75	0.7779	165.612	254.000
256.000	6.1065	256.3347	305.1870	2.8214	0.3224	0.6831	309.53	0.2001	226.8	1.79	0.7743	163.759	256.000
258.000	6.1745	257.1527	306.5485	2.8267	0.3219	0.6789	310.95	0.2005	227.8	1.82	0.7713	161.957	258.000
260.000	6.2421	257.9655	307.9020	2.8319	0.3214	0.6746	312.36	0.2010	228.8	1.86	0.7679	160.203	260.000
262.000	6.3094	258.7721	309.2473	2.8372	0.3212	0.6706	313.76	0.2015	229.8	1.90	0.7648	158.494	262.000
264.000	6.3764	259.5736	310.5856	2.8422	0.3207	0.6669	315.15	0.2020	230.8	1.93	0.7619	156.828	264.000
266.000	6.4431	260.3708	311.9152	2.8472	0.3204	0.6634	316.53	0.2026	231.8	1.97	0.7590	155.206	266.000
268.000	6.5094	261.1638	313.2382	2.8522	0.3199	0.6599	317.89	0.2031	232.9	2.00	0.7567	153.624	268.000
270.000	6.5754	261.9512	314.5544	2.8570	0.3197	0.6566	319.24	0.2037	233.9	2.04	0.7539	152.082	270.000
272.000	6.6413	262.7336	315.8644	2.8620	0.3194	0.6533	320.59	0.2042	234.9	2.08	0.7516	150.572	272.000
274.000	6.7068	263.5132	317.1678	2.8667	0.3192	0.6501	321.92	0.2048	236.0	2.11	0.7491	149.102	274.000
276.000	6.7720	264.2896	318.4652	2.8715	0.3189	0.6473	323.24	0.2054	237.0	2.15	0.7469	147.668	276.000
278.000	6.8371	265.0602	319.7567	2.8760	0.3187	0.6443	324.56	0.2060	238.0	2.19	0.7444	146.262	278.000
280.000	6.9017	265.8295	321.0420	2.8807	0.3184	0.6418	325.86	0.2066	239.1	2.22	0.7425	144.891	280.000
282.000	6.9663	266.5934	322.3235	2.8853	0.3182	0.6391	327.15	0.2072	240.2	2.26	0.7409	143.549	282.000
284.000	7.0306	267.3539	323.5989	2.8898	0.3179	0.6366	328.44	0.2078	241.2	2.30	0.7389	142.235	284.000
286.000	7.0946	268.1129	324.8696	2.8943	0.3177	0.6341	329.72	0.2084	242.3	2.33	0.7372	140.953	286.000
288.000	7.1585	268.8672	326.1352	2.8985	0.3174	0.6316	330.99	0.2091	243.3	2.37	0.7349	139.694	288.000
290.000	7.2221	269.6195	327.3964	2.9030	0.3172	0.6293	332.25	0.2097	244.4	2.41	0.7335	138.464	290.000
292.000	7.2856	270.3688	328.6527	2.9073	0.3169	0.6273	333.50	0.2103	245.4	2.44	0.7320	137.257	292.000
294.000	7.3487	271.1154	329.9049	2.9115	0.3169	0.6251	334.74	0.2110	246.5	2.48	0.7302	136.079	294.000
296.000	7.4116	271.8587	331.1530	2.9158	0.3167	0.6231	335.98	0.2116	247.6	2.52	0.7291	134.920	296.000
298.000	7.4746	272.6000	332.3971	2.9200	0.3164	0.6211	337.21	0.2123	248.7	2.56	0.7275	133.786	298.000
300.000	7.5372	273.3394	333.6378	2.9241	0.3164	0.6191	338.43	0.2130	249.7	2.59	0.7267	132.675	300.000
302.000	7.5999	274.0741	334.8733	2.9283	0.3162	0.6173	339.64	0.2137	250.8	2.63	0.7245	131.581	302.000
304.000	7.6622	274.8060	336.1059	2.9323	0.3162	0.6153	340.85	0.2143	251.9	2.67	0.7233	130.510	304.000
306.000	7.7242	275.5415	337.3358	2.9363	0.3159	0.6135	342.05	0.2150	252.9	2.71	0.7217	129.463	306.000
308.000	7.7864	276.2693	338.5606	2.9403	0.3159	0.6120	343.24	0.2157	254.0	2.74	0.7207	128.429	308.000
310.000	7.8482	276.9978	339.7838	2.9443	0.3157	0.6103	344.43	0.2164	255.1	2.78	0.7194	127.418	310.000
312.000	7.9099	277.7224	341.0018	2.9483	0.3157	0.6088	345.61	0.2171	256.2	2.82	0.7184	126.423	312.000
314.000	7.9714	278.4468	342.2179	2.9521	0.3154	0.6073	346.78	0.2178	257.2	2.86	0.7171	125.449	314.000
316.000	8.0328	279.1682	343.4305	2.9558	0.3154	0.6058	347.95	0.2185	258.3	2.90	0.7161	124.490	316.000
318.000	8.0941	279.8879	344.6405	2.9596	0.3152	0.6043	349.11	0.2192	259.4	2.94	0.7151	123.547	318.000
320.000	8.1553	280.6056	345.8476	2.9636	0.3152	0.6028	350.26	0.2199	260.5	2.98	0.7141	122.620	320.000
322.000	8.2166	281.3235	347.0516	2.9674	0.3152	0.6015	351.41	0.2206	261.5	3.01	0.7131	121.714	322.000
324.000	8.2769	282.0383	348.2532	2.9711	0.3149	0.6000	352.56	0.2213	262.6	3.05	0.7120	120.819	324.000
326.000	8.3378	282.7497	349.4528	2.9746	0.3149	0.5988	353.69	0.2220	263.7	3.09	0.7113	119.936	326.000
328.000	8.3982	283.4627	350.6483	2.9784	0.3149	0.5976	354.82	0.2228	264.8	3.13	0.7102	119.073	328.000
330.000	8.4587	284.1726	351.8419	2.9819	0.3147	0.5963	355.95	0.2235	265.8	3.17	0.7091	118.222	330.000

THERMODYNAMIC PROPERTIES OF ARGON

80.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
332.000	8.5191	284.8886	353.0334	2.9856	0.3147	0.5950	357.07	0.2242	266.9	3.21	0.7083	117.383	332.000
334.000	8.5793	285.5882	354.2222	2.9891	0.3147	0.5940	358.19	0.2249	268.6	3.25	0.7079	116.566	334.000
336.000	8.6394	286.2939	355.4088	2.9926	0.3144	0.5928	359.30	0.2257	269.1	3.29	0.7068	115.749	336.000
338.000	8.6994	286.9981	356.5933	2.9961	0.3144	0.5918	360.40	0.2264	270.1	3.33	0.7060	114.950	338.000
340.000	8.7594	287.7006	357.7758	2.9996	0.3144	0.5905	361.50	0.2271	271.2	3.37	0.7052	114.163	340.000
342.000	8.8192	288.4017	358.9558	3.0032	0.3144	0.5895	362.60	0.2279	272.3	3.41	0.7044	113.388	342.000
344.000	8.8790	289.1017	360.1337	3.0067	0.3142	0.5886	363.69	0.2286	273.4	3.45	0.7038	112.625	344.000
346.000	8.9386	289.8009	361.3097	3.0099	0.3142	0.5875	364.77	0.2293	274.4	3.49	0.7031	111.874	346.000
348.000	8.9980	290.4994	362.4837	3.0134	0.3142	0.5865	365.85	0.2301	275.5	3.53	0.7022	111.135	348.000
350.000	9.0573	291.1974	363.6557	3.0167	0.3142	0.5855	366.93	0.2308	276.6	3.57	0.7017	110.408	350.000
352.000	9.1167	291.8927	364.8260	3.0202	0.3142	0.5848	368.00	0.2315	277.6	3.61	0.7012	109.689	352.000
354.000	9.1758	292.5880	365.9945	3.0234	0.3139	0.5838	369.06	0.2323	278.7	3.65	0.7004	108.982	354.000
356.000	9.2351	293.2803	367.1608	3.0267	0.3139	0.5828	370.13	0.2330	279.8	3.69	0.6998	108.283	356.000
358.000	9.2940	293.9735	368.3258	3.0299	0.3139	0.5820	371.18	0.2338	280.8	3.73	0.6990	107.596	358.000
360.000	9.3531	294.6643	369.4888	3.0332	0.3139	0.5813	372.24	0.2345	281.9	3.77	0.6987	106.917	360.000
362.000	9.4118	295.3566	370.6503	3.0364	0.3139	0.5803	373.29	0.2353	283.0	3.82	0.6979	106.250	362.000
364.000	9.4705	296.0457	371.8101	3.0397	0.3139	0.5795	374.33	0.2360	284.0	3.86	0.6974	105.591	364.000
366.000	9.5293	296.7339	372.9683	3.0427	0.3137	0.5788	375.37	0.2368	285.1	3.90	0.6968	104.939	366.000
368.000	9.5881	297.4203	374.1248	3.0460	0.3137	0.5780	376.41	0.2375	286.2	3.94	0.6965	104.296	368.000
370.000	9.6465	298.1065	375.2801	3.0490	0.3137	0.5773	377.44	0.2383	287.2	3.98	0.6957	103.665	370.000
372.000	9.7048	298.7955	376.4339	3.0522	0.3137	0.5765	378.47	0.2390	288.3	4.02	0.6954	103.042	372.000
374.000	9.7635	299.4761	377.5858	3.0552	0.3137	0.5757	379.49	0.2398	289.3	4.07	0.6946	102.423	374.000
376.000	9.8217	300.1631	378.7360	3.0582	0.3137	0.5750	380.51	0.2405	290.4	4.11	0.6943	101.815	376.000
378.000	9.8798	300.8471	379.8858	3.0615	0.3137	0.5742	381.53	0.2413	291.4	4.15	0.6936	101.216	378.000
380.000	9.9379	301.5307	381.0338	3.0645	0.3137	0.5737	382.54	0.2420	292.5	4.19	0.6936	100.625	380.000
382.000	9.9962	302.2108	382.1805	3.0675	0.3137	0.5730	383.55	0.2428	293.5	4.24	0.6926	100.038	382.000
384.000	10.0548	302.8935	383.3258	3.0705	0.3134	0.5722	384.56	0.2435	294.6	4.28	0.6923	99.463	384.000
386.000	10.1121	303.5731	384.4700	3.0732	0.3134	0.5717	385.56	0.2443	295.6	4.32	0.6918	98.891	386.000
388.000	10.1705	304.2524	385.6128	3.0762	0.3134	0.5710	386.56	0.2450	296.7	4.36	0.6915	98.328	388.000
390.000	10.2278	304.9318	386.7542	3.0793	0.3134	0.5705	387.55	0.2458	297.7	4.41	0.6909	97.773	390.000
392.000	10.2858	305.6084	387.8947	3.0823	0.3134	0.5700	388.54	0.2465	298.8	4.45	0.6909	97.221	392.000
394.000	10.3432	306.2884	389.0337	3.0856	0.3134	0.5692	389.53	0.2473	299.8	4.49	0.6901	96.682	394.000
396.000	10.4009	306.9656	390.1717	3.0886	0.3134	0.5687	390.51	0.2480	300.9	4.54	0.6901	96.147	396.000
398.000	10.4586	307.6403	391.3087	3.0918	0.3134	0.5682	391.49	0.2488	301.9	4.58	0.6895	95.616	398.000
400.000	10.5161	308.3156	392.4444	3.0948	0.3134	0.5675	392.47	0.2495	302.9	4.62	0.6889	95.092	400.000

THERMODYNAMIC PROPERTIES OF ARGON

90.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
86.000	0.6993	69.9150	76.2091	1.3150	0.7395	1.2994	806.68	1.3641	2979.1	0.73	2.8379	1429.911	86.000
87.000	0.7023	71.1713	77.4917	1.3300	0.7094	1.2664	808.78	1.3457	2896.2	0.75	2.7199	1423.964	87.000
88.000	0.7052	72.3962	78.7431	1.3442	0.6826	1.2384	810.26	1.3279	2805.8	0.76	2.6166	1418.018	88.000
89.000	0.7082	73.5965	79.9700	1.3580	0.6589	1.2146	811.21	1.3106	2725.6	0.76	2.5259	1412.110	89.000
90.000	0.7111	74.7781	81.1783	1.3715	0.6378	1.1943	811.68	1.2939	2649.3	0.77	2.4454	1406.214	90.000
91.000	0.7141	75.9307	82.3578	1.3845	0.6191	1.1773	811.33	1.2777	2576.4	0.78	2.3739	1400.321	91.000
92.000	0.7171	77.0743	83.5286	1.3973	0.6023	1.1630	810.51	1.2619	2506.6	0.78	2.3102	1394.417	92.000
93.000	0.7202	78.2051	84.6868	1.4098	0.5875	1.1512	809.18	1.2466	2439.9	0.78	2.2533	1388.509	93.000
94.000	0.7233	79.3228	85.8323	1.4221	0.5742	1.1415	807.31	1.2316	2376.0	0.78	2.2021	1382.584	94.000
95.000	0.7264	80.4326	86.9703	1.4341	0.5622	1.1335	804.93	1.2169	2314.5	0.78	2.1558	1376.636	95.000
96.000	0.7296	81.5347	88.1008	1.4461	0.5517	1.1272	802.16	1.2026	2255.5	0.78	2.1141	1370.672	96.000
97.000	0.7328	82.6298	89.2247	1.4578	0.5422	1.1222	798.89	1.1885	2198.8	0.78	2.0762	1364.684	97.000
98.000	0.7360	83.7282	90.3444	1.4692	0.5337	1.1185	795.24	1.1747	2144.1	0.77	2.0414	1358.666	98.000
99.000	0.7393	84.8308	91.4606	1.4804	0.5259	1.1157	791.31	1.1612	2091.4	0.77	2.0095	1352.603	99.000
100.000	0.7427	85.8926	92.5766	1.4917	0.5192	1.1139	786.98	1.1479	2040.4	0.77	1.9801	1346.499	100.000
101.000	0.7461	86.9747	93.6893	1.5027	0.5127	1.1129	782.44	1.1349	1991.3	0.76	1.9528	1340.371	101.000
102.000	0.7495	88.0617	94.8017	1.5137	0.5069	1.1127	777.65	1.1220	1943.8	0.76	1.9277	1334.195	102.000
103.000	0.7530	89.1375	95.9147	1.5247	0.5019	1.1129	772.63	1.1093	1897.9	0.76	1.9041	1327.987	103.000
104.000	0.7566	90.2181	97.0274	1.5352	0.4971	1.1139	767.46	1.0968	1853.5	0.74	1.8825	1321.732	104.000
105.000	0.7602	91.3017	98.1436	1.5460	0.4926	1.1155	762.02	1.0845	1810.4	0.74	1.8621	1315.424	105.000
106.000	0.7639	92.3849	99.2666	1.5565	0.4886	1.1172	756.47	1.0723	1768.7	0.73	1.8428	1309.072	106.000
107.000	0.7676	93.4692	100.3788	1.5670	0.4849	1.1195	750.81	1.0603	1728.3	0.73	1.8247	1302.686	107.000
108.000	0.7715	94.5551	101.4982	1.5776	0.4816	1.1226	745.05	1.0484	1689.1	0.72	1.8078	1296.245	108.000
109.000	0.7753	95.6446	102.6229	1.5878	0.4784	1.1258	739.15	1.0366	1650.9	0.71	1.7916	1289.749	109.000
110.000	0.7793	96.7352	103.7489	1.5981	0.4764	1.1282	733.18	1.0250	1614.0	0.71	1.7765	1283.206	110.000
111.000	0.7833	97.8284	104.8783	1.6083	0.4724	1.1315	727.14	1.0135	1578.1	0.70	1.7618	1276.614	111.000
112.000	0.7874	98.9248	106.0108	1.6186	0.4699	1.1352	720.99	1.0021	1543.1	0.70	1.7481	1269.971	112.000
113.000	0.7916	100.0244	107.1468	1.6286	0.4674	1.1392	714.79	0.9908	1509.2	0.69	1.7353	1263.264	113.000
114.000	0.7959	101.1266	108.2893	1.6386	0.4651	1.1435	708.52	0.9796	1476.1	0.68	1.7231	1256.512	114.000
115.000	0.8002	102.2343	109.4366	1.6486	0.4629	1.1480	702.17	0.9685	1444.8	0.68	1.7116	1249.697	115.000
116.000	0.8046	103.3445	110.5866	1.6587	0.4606	1.1525	695.76	0.9574	1412.7	0.67	1.7006	1242.836	116.000
117.000	0.8091	104.4584	111.7405	1.6687	0.4586	1.1575	689.30	0.9465	1382.1	0.66	1.6902	1235.899	117.000
118.000	0.8137	105.5776	112.9013	1.6784	0.4568	1.1628	682.74	0.9356	1352.4	0.65	1.6806	1228.906	118.000
119.000	0.8184	106.7002	114.0666	1.6884	0.4551	1.1683	676.15	0.9248	1323.4	0.65	1.6718	1221.854	119.000
120.000	0.8232	107.8298	115.2381	1.6982	0.4533	1.1748	669.45	0.9148	1295.1	0.64	1.6635	1214.723	120.000
121.000	0.8281	108.9669	116.4141	1.7080	0.4518	1.1806	662.78	0.9033	1267.4	0.63	1.6557	1207.536	121.000
122.000	0.8331	110.1083	117.5986	1.7177	0.4501	1.1865	656.09	0.8927	1240.4	0.63	1.6487	1200.274	122.000
123.000	0.8383	111.2433	118.7877	1.7272	0.4488	1.1933	648.98	0.8821	1214.1	0.62	1.6424	1192.939	123.000
124.000	0.8435	112.3929	119.9845	1.7370	0.4473	1.2003	642.02	0.8716	1188.3	0.61	1.6364	1185.529	124.000
125.000	0.8489	113.5479	121.1878	1.7468	0.4461	1.2078	634.96	0.8611	1163.1	0.61	1.6314	1178.035	125.000
126.000	0.8544	114.7108	122.4001	1.7563	0.4448	1.2156	627.80	0.8506	1138.4	0.60	1.6269	1170.453	126.000
127.000	0.8600	115.8796	123.6197	1.7660	0.4438	1.2241	620.55	0.8402	1114.3	0.59	1.6234	1162.782	127.000
128.000	0.8658	117.0565	124.8485	1.7756	0.4428	1.2329	613.23	0.8298	1090.6	0.58	1.6203	1155.029	128.000
129.000	0.8717	118.2407	126.0862	1.7853	0.4418	1.2424	605.79	0.8194	1067.4	0.57	1.6184	1147.167	129.000
130.000	0.8778	119.4333	127.3335	1.7948	0.4411	1.2524	598.26	0.8090	1044.6	0.57	1.6171	1139.205	130.000

THERMODYNAMIC PROPERTIES OF ARGON

90.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
131.000	0.8841	120.6143	120.5989	1.8040	0.4401	1.2029	590.64	0.7986	1022.3	0.56	1.6166	1131.132	131.000
132.000	0.8905	121.8439	129.8586	1.8141	0.4396	1.2742	582.90	0.7882	1000.3	0.55	1.6170	1122.946	132.000
133.000	0.8972	123.0648	131.1392	1.8239	0.4388	1.2859	575.04	0.7778	978.7	0.54	1.6181	1114.633	133.000
134.000	0.9040	124.2947	132.4386	1.8336	0.4383	1.2987	567.09	0.7674	957.5	0.53	1.6204	1106.206	134.000
135.000	0.9111	125.5366	133.7361	1.8431	0.4378	1.3122	559.02	0.7570	936.6	0.53	1.6235	1097.619	135.000
136.000	0.9184	126.7890	135.0548	1.8529	0.4376	1.3265	550.83	0.7466	916.1	0.52	1.6276	1088.899	136.000
137.000	0.9259	128.0571	136.3903	1.8627	0.4373	1.3417	542.50	0.7361	895.8	0.51	1.6328	1080.010	137.000
138.000	0.9337	129.3364	137.7461	1.8727	0.4371	1.3583	534.07	0.7257	875.8	0.50	1.6392	1070.966	138.000
139.000	0.9418	130.6364	139.1071	1.8824	0.4371	1.3765	525.51	0.7152	856.1	0.49	1.6465	1061.742	139.000
140.000	0.9503	131.9386	140.4909	1.8925	0.4371	1.3943	516.83	0.7048	836.6	0.48	1.6551	1052.338	140.000
141.000	0.9590	133.2649	141.8952	1.9025	0.4373	1.4143	508.03	0.6943	817.3	0.47	1.6649	1042.727	141.000
142.000	0.9681	134.6072	143.3206	1.9125	0.4376	1.4356	499.09	0.6839	798.3	0.46	1.6758	1032.900	142.000
143.000	0.9777	135.9682	144.7672	1.9225	0.4378	1.4584	490.03	0.6734	779.4	0.45	1.6880	1022.849	143.000
144.000	0.9876	137.3488	146.2374	1.9328	0.4383	1.4829	480.84	0.6630	760.7	0.44	1.7015	1012.542	144.000
145.000	0.9980	138.7516	147.7338	1.9433	0.4391	1.5095	471.53	0.6527	742.2	0.43	1.7164	1001.980	145.000
146.000	1.0089	140.1765	149.2570	1.9535	0.4398	1.5386	462.08	0.6424	723.8	0.42	1.7329	991.136	146.000
147.000	1.0204	141.6264	150.8103	1.9643	0.4406	1.5685	452.51	0.6322	705.5	0.41	1.7504	979.972	147.000
148.000	1.0326	143.1021	152.3949	1.9751	0.4418	1.6016	442.83	0.6221	687.3	0.40	1.7694	968.491	148.000
149.000	1.0453	144.6063	154.0142	1.9858	0.4428	1.6374	433.01	0.6122	669.2	0.39	1.7898	956.643	149.000
150.000	1.0588	146.1410	155.6706	1.9971	0.4443	1.6762	423.06	0.6023	651.2	0.38	1.8123	944.423	150.000
151.000	1.0732	147.7089	157.3678	2.0084	0.4456	1.7182	413.04	0.5927	633.3	0.37	1.8369	931.783	151.000
152.000	1.0885	149.3127	159.1093	2.0196	0.4473	1.7643	402.88	0.5832	615.4	0.36	1.8617	918.684	152.000
153.000	1.1048	150.9541	160.8977	2.0314	0.4491	1.8141	392.63	0.5738	597.5	0.35	1.8898	905.106	153.000
154.000	1.1223	152.6369	162.7391	2.0434	0.4511	1.8689	382.31	0.5645	579.6	0.34	1.9189	891.000	154.000
155.000	1.1411	154.3662	164.6365	2.0557	0.4533	1.9288	371.91	0.5553	561.8	0.33	1.9513	876.316	155.000
156.000	1.1615	156.1452	166.5903	2.0684	0.4556	1.9946	361.45	0.5462	543.9	0.32	1.9862	860.987	156.000
157.000	1.1834	157.9769	168.6208	2.0815	0.4581	2.0667	350.97	0.5369	526.0	0.31	2.0247	844.988	157.000
158.000	1.2074	159.8668	170.7332	2.0947	0.4608	2.1468	340.58	0.5275	508.0	0.30	2.0667	828.242	158.000
159.000	1.2335	161.8206	172.9223	2.1085	0.4636	2.2329	330.09	0.5179	490.1	0.29	2.1130	810.689	159.000
160.000	1.2622	163.8417	175.2015	2.1228	0.4666	2.3275	319.78	0.5078	472.1	0.28	2.1639	792.269	160.000
161.000	1.2938	165.9355	177.5793	2.1375	0.4699	2.4294	309.66	0.4973	454.1	0.26	2.2184	772.938	161.000
162.000	1.3286	168.1047	180.0623	2.1530	0.4729	2.5373	299.84	0.4863	436.2	0.25	2.2769	752.668	162.000
163.000	1.3672	170.3501	182.6547	2.1688	0.4756	2.6477	290.43	0.4745	418.4	0.25	2.3347	731.432	163.000
164.000	1.4098	172.6698	185.3575	2.1850	0.4784	2.7561	281.59	0.4621	400.9	0.24	2.3911	709.389	164.000
165.000	1.4568	175.0622	188.1636	2.2026	0.4806	2.8545	273.47	0.4491	383.7	0.23	2.4388	686.427	165.000
166.000	1.5083	177.4852	191.0599	2.2201	0.4824	2.9341	266.23	0.4356	367.2	0.22	2.4739	663.001	166.000
167.000	1.5641	179.9458	194.0238	2.2379	0.4831	2.9861	259.99	0.4215	351.5	0.22	2.4902	639.332	167.000
168.000	1.6239	182.4854	197.0266	2.2557	0.4831	3.0037	254.88	0.4075	336.8	0.22	2.4826	615.798	168.000
169.000	1.6878	184.8345	200.0173	2.2735	0.4819	2.9851	250.67	0.3935	323.3	0.22	2.4526	592.776	169.000
170.000	1.7525	187.2063	202.9791	2.2910	0.4796	2.9331	247.51	0.3800	311.1	0.23	2.4013	570.661	170.000
171.000	1.8197	189.4967	205.8741	2.3080	0.4764	2.8537	245.21	0.3670	300.1	0.23	2.3335	549.537	171.000
172.000	1.8877	191.6968	208.6866	2.3243	0.4726	2.7551	243.64	0.3547	290.4	0.24	2.2556	529.742	172.000
173.000	1.9558	193.7782	211.3866	2.3400	0.4679	2.6452	242.66	0.3432	281.9	0.25	2.1727	511.294	173.000
174.000	2.0235	195.7569	213.9684	2.3548	0.4631	2.5386	242.14	0.3325	274.4	0.27	2.0879	494.193	174.000
175.000	2.0904	197.6278	216.4411	2.3691	0.4578	2.4149	242.00	0.3226	267.8	0.28	2.0047	478.385	175.000

THERMODYNAMIC PROPERTIES OF ARGON

90.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
176.000	2.1561	199.3943	218.7994	2.3826	0.4526	2.3832	242.15	0.3135	262.1	0.29	1.9256	463.796	176.000
177.000	2.2206	201.6633	221.0486	2.3954	0.4471	2.1971	242.52	0.3051	257.0	0.31	1.8567	450.330	177.000
178.000	2.2837	203.8419	223.1954	2.4074	0.4418	2.0975	243.06	0.2973	252.6	0.32	1.7821	437.882	178.000
179.000	2.3455	206.1305	225.2456	2.4189	0.4368	2.0049	243.73	0.2901	248.7	0.34	1.7187	426.357	179.000
180.000	2.4060	206.5557	227.2076	2.4297	0.4318	1.9196	244.51	0.2836	245.2	0.36	1.6596	415.667	180.000
181.000	2.4647	208.9045	229.0871	2.4402	0.4268	1.8409	245.36	0.2775	242.1	0.37	1.6061	405.724	181.000
182.000	2.5224	208.1093	230.8989	2.4502	0.4223	1.7688	246.27	0.2719	239.4	0.39	1.5574	396.448	182.000
183.000	2.5788	209.4171	232.6262	2.4597	0.4178	1.7025	247.23	0.2667	237.0	0.40	1.5129	387.779	183.000
184.000	2.6340	210.5918	234.2976	2.4687	0.4135	1.6416	248.22	0.2619	234.8	0.42	1.4718	379.654	184.000
185.000	2.6880	211.7187	235.9189	2.4775	0.4095	1.5858	249.23	0.2575	232.9	0.44	1.4343	372.020	185.000
186.000	2.7410	212.8016	237.4784	2.4860	0.4058	1.5342	250.27	0.2535	231.1	0.45	1.3987	364.833	186.000
187.000	2.7929	213.8448	238.9864	2.4940	0.4020	1.4869	251.32	0.2497	229.6	0.47	1.3672	358.046	187.000
188.000	2.8440	214.8499	240.4456	2.5018	0.3985	1.4431	252.37	0.2462	228.2	0.49	1.3376	351.622	188.000
189.000	2.8941	215.8215	241.8682	2.5093	0.3953	1.4028	253.43	0.2429	226.9	0.50	1.3104	345.534	189.000
190.000	2.9433	216.7622	243.2520	2.5165	0.3920	1.3653	254.49	0.2399	225.8	0.52	1.2850	339.754	190.000
191.000	2.9917	217.6735	244.5992	2.5235	0.3890	1.3305	255.56	0.2372	224.8	0.53	1.2609	334.253	191.000
192.000	3.0394	218.5587	245.9137	2.5305	0.3863	1.2982	256.62	0.2346	223.9	0.55	1.2390	329.008	192.000
193.000	3.0864	219.4190	247.1966	2.5373	0.3835	1.2679	257.67	0.2322	223.1	0.57	1.2182	324.002	193.000
194.000	3.1327	220.2562	248.4502	2.5438	0.3810	1.2399	258.73	0.2300	222.3	0.58	1.1984	319.216	194.000
195.000	3.1783	221.0718	249.6768	2.5501	0.3785	1.2138	259.77	0.2279	221.7	0.60	1.1800	314.638	195.000
196.000	3.2234	221.8675	250.8776	2.5561	0.3760	1.1888	260.82	0.2260	221.1	0.61	1.1630	310.236	196.000
197.000	3.2678	222.6442	252.0547	2.5621	0.3737	1.1655	261.85	0.2242	220.6	0.63	1.1468	306.014	197.000
198.000	3.3117	223.4038	253.2092	2.5681	0.3717	1.1437	262.88	0.2226	220.1	0.64	1.1309	301.959	198.000
199.000	3.3551	224.1475	254.3427	2.5736	0.3697	1.1232	263.90	0.2211	219.7	0.66	1.1161	298.056	199.000
200.000	3.3980	224.8741	255.4558	2.5794	0.3677	1.1039	264.92	0.2197	219.4	0.68	1.1024	294.293	200.000
202.000	3.4829	226.2872	257.6331	2.5901	0.3640	1.0681	266.92	0.2171	218.8	0.71	1.0765	287.118	202.000
204.000	3.5655	227.6471	259.7369	2.6004	0.3607	1.0363	268.90	0.2150	218.4	0.74	1.0527	280.463	204.000
206.000	3.6466	228.9618	261.7801	2.6104	0.3575	1.0076	270.84	0.2131	218.2	0.77	1.0317	274.231	206.000
208.000	3.7261	230.2382	263.7684	2.6202	0.3547	0.9813	272.76	0.2115	218.1	0.80	1.0119	268.375	208.000
210.000	3.8043	231.4801	265.7072	2.6294	0.3522	0.9577	274.64	0.2102	218.0	0.83	0.9933	262.858	210.000
212.000	3.8813	232.6885	267.6004	2.6384	0.3497	0.9360	276.50	0.2090	218.1	0.87	0.9767	257.646	212.000
214.000	3.9572	233.8679	269.4523	2.6469	0.3476	0.9162	278.33	0.2081	218.3	0.90	0.9611	252.707	214.000
216.000	4.0318	234.9797	271.2664	2.6555	0.3454	0.8979	280.14	0.2072	218.5	0.93	0.9469	248.025	216.000
218.000	4.1056	236.0956	273.0452	2.6637	0.3434	0.8811	281.91	0.2066	218.8	0.96	0.9332	243.571	218.000
220.000	4.1784	237.1859	274.7917	2.6717	0.3417	0.8656	283.67	0.2060	219.2	0.99	0.9211	239.324	220.000
222.000	4.2503	238.2555	276.5082	2.6795	0.3402	0.8511	285.40	0.2055	219.6	1.03	0.9095	235.278	222.000
224.000	4.3214	239.3044	278.1969	2.6870	0.3387	0.8378	287.10	0.2052	220.1	1.06	0.8987	231.407	224.000
226.000	4.3917	240.3345	279.8596	2.6943	0.3372	0.8253	288.78	0.2049	220.6	1.09	0.8886	227.704	226.000
228.000	4.4613	241.3472	281.4984	2.7015	0.3359	0.8136	290.45	0.2047	221.2	1.12	0.8791	224.162	228.000
230.000	4.5301	242.3434	283.1145	2.7085	0.3347	0.8028	292.09	0.2045	221.8	1.15	0.8707	220.746	230.000
232.000	4.5983	243.3249	284.7094	2.7155	0.3334	0.7926	293.71	0.2045	222.4	1.19	0.8619	217.473	232.000
234.000	4.6659	244.2918	286.2847	2.7223	0.3324	0.7828	295.31	0.2044	223.1	1.22	0.8544	214.321	234.000
236.000	4.7329	245.2457	287.8414	2.7290	0.3314	0.7738	296.90	0.2044	223.8	1.25	0.8472	211.289	236.000
238.000	4.7993	246.1867	289.3802	2.7353	0.3304	0.7652	298.47	0.2045	224.5	1.28	0.8401	208.365	238.000
240.000	4.8651	247.1165	290.9027	2.7418	0.3294	0.7572	300.02	0.2046	225.2	1.31	0.8336	205.544	240.000

THERMODYNAMIC PROPERTIES OF ARGON

90.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
242.000	4.9386	248.0344	292.4896	2.7481	0.3287	0.7497	301.55	0.2047	226.0	1.35	0.8277	202.816	242.000
244.000	4.9954	248.9428	293.9816	2.7541	0.3279	0.7425	303.67	0.2049	226.0	1.38	0.8218	200.183	244.000
246.000	5.0598	249.8412	295.3797	2.7601	0.3272	0.7357	304.57	0.2051	227.6	1.41	0.8164	197.635	246.000
248.000	5.1238	250.7298	296.8444	2.7661	0.3264	0.7292	306.06	0.2054	228.4	1.44	0.8109	195.166	248.000
250.000	5.1873	251.6185	298.2965	2.7719	0.3259	0.7229	307.53	0.2056	229.2	1.48	0.8059	192.777	250.000
252.000	5.2504	252.4929	299.7369	2.7776	0.3252	0.7172	308.99	0.2059	230.1	1.51	0.8015	190.466	252.000
254.000	5.3132	253.3468	301.1655	2.7834	0.3247	0.7117	310.44	0.2062	231.0	1.54	0.7973	188.211	254.000
256.000	5.3756	254.2032	302.5836	2.7889	0.3242	0.7064	311.87	0.2066	231.8	1.57	0.7926	186.026	256.000
258.000	5.4376	255.0528	303.9912	2.7944	0.3237	0.7014	313.29	0.2069	232.7	1.60	0.7889	183.905	258.000
260.000	5.4992	255.8958	305.3890	2.7999	0.3232	0.6964	314.70	0.2073	233.6	1.64	0.7848	181.843	260.000
262.000	5.5606	256.7322	306.7773	2.8051	0.3227	0.6919	316.09	0.2077	234.6	1.67	0.7815	179.838	262.000
264.000	5.6216	257.5620	308.1566	2.8104	0.3222	0.6874	317.48	0.2081	235.5	1.70	0.7779	177.884	264.000
266.000	5.6822	258.3872	309.5274	2.8154	0.3217	0.6834	318.85	0.2085	236.4	1.73	0.7748	175.987	266.000
268.000	5.7427	259.2054	310.8899	2.8207	0.3214	0.6791	320.22	0.2090	237.4	1.77	0.7714	174.133	268.000
270.000	5.8028	260.0195	312.2444	2.8257	0.3209	0.6754	321.57	0.2094	238.3	1.80	0.7686	172.332	270.000
272.000	5.8626	260.8284	313.5914	2.8307	0.3207	0.6716	322.91	0.2099	239.3	1.83	0.7657	170.574	272.000
274.000	5.9222	261.6314	314.9312	2.8354	0.3204	0.6681	324.24	0.2104	240.3	1.86	0.7631	168.856	274.000
276.000	5.9815	262.4305	316.2639	2.8404	0.3199	0.6646	325.56	0.2109	241.2	1.90	0.7601	167.182	276.000
278.000	6.0405	263.2251	317.5898	2.8452	0.3197	0.6614	326.88	0.2114	242.2	1.93	0.7577	165.549	278.000
280.000	6.0993	264.0163	318.9096	2.8500	0.3194	0.6581	328.18	0.2119	243.2	1.96	0.7553	163.955	280.000
282.000	6.1579	264.8015	320.2228	2.8545	0.3192	0.6551	329.47	0.2125	244.2	2.00	0.7528	162.393	282.000
284.000	6.2162	265.5847	321.5302	2.8592	0.3189	0.6523	330.76	0.2130	245.2	2.03	0.7510	160.871	284.000
286.000	6.2743	266.3633	322.8319	2.8637	0.3187	0.6493	332.04	0.2136	246.2	2.06	0.7484	159.381	286.000
288.000	6.3322	267.1378	324.1278	2.8682	0.3184	0.6466	333.30	0.2141	247.2	2.10	0.7466	157.922	288.000
290.000	6.3899	267.9092	325.4185	2.8727	0.3182	0.6441	334.56	0.2147	248.2	2.13	0.7446	156.496	290.000
292.000	6.4475	268.6761	326.7039	2.8772	0.3179	0.6416	335.82	0.2153	249.2	2.16	0.7426	155.098	292.000
294.000	6.5048	269.4411	327.9846	2.8815	0.3177	0.6391	337.06	0.2159	250.2	2.20	0.7406	153.732	294.000
296.000	6.5620	270.2027	329.2603	2.8858	0.3177	0.6366	338.30	0.2165	251.2	2.23	0.7386	152.394	296.000
298.000	6.6189	270.9614	330.5312	2.8903	0.3174	0.6343	339.53	0.2171	252.3	2.27	0.7372	151.083	298.000
300.000	6.6755	271.7181	331.7978	2.8943	0.3172	0.6321	340.75	0.2177	253.3	2.30	0.7354	149.801	300.000
302.000	6.7321	272.4713	333.0600	2.8985	0.3172	0.6301	341.96	0.2183	254.3	2.33	0.7340	148.543	302.000
304.000	6.7885	273.2215	334.3178	2.9028	0.3169	0.6281	343.17	0.2189	255.3	2.37	0.7325	147.308	304.000
306.000	6.8447	273.9694	335.5720	2.9068	0.3167	0.6261	344.37	0.2195	256.4	2.40	0.7313	146.098	306.000
308.000	6.9010	274.7132	336.8219	2.9108	0.3167	0.6241	345.56	0.2202	257.4	2.44	0.7295	144.907	308.000
310.000	6.9568	275.4578	338.0680	2.9150	0.3164	0.6221	346.75	0.2208	258.4	2.47	0.7288	143.745	310.000
312.000	7.0125	276.1975	339.3101	2.9190	0.3164	0.6203	347.93	0.2215	259.5	2.50	0.7267	142.602	312.000
314.000	7.0681	276.9356	340.5490	2.9228	0.3162	0.6186	349.11	0.2221	260.5	2.54	0.7255	141.480	314.000
316.000	7.1237	277.6714	341.7843	2.9268	0.3162	0.6168	350.27	0.2228	261.5	2.57	0.7239	140.377	316.000
318.000	7.1790	278.4049	343.0161	2.9308	0.3159	0.6150	351.44	0.2234	262.6	2.61	0.7230	139.295	318.000
320.000	7.2342	279.1368	344.2448	2.9346	0.3159	0.6135	352.59	0.2241	263.6	2.64	0.7217	138.232	320.000
322.000	7.2894	279.8654	345.4701	2.9383	0.3157	0.6118	353.74	0.2248	264.7	2.68	0.7204	137.186	322.000
324.000	7.3444	280.5931	346.6924	2.9421	0.3157	0.6103	354.89	0.2254	265.7	2.71	0.7194	136.159	324.000
326.000	7.3991	281.3199	347.9115	2.9458	0.3157	0.6088	356.02	0.2261	266.7	2.75	0.7181	135.152	326.000
328.000	7.4539	282.0424	349.1278	2.9496	0.3154	0.6075	357.16	0.2268	267.8	2.78	0.7174	134.157	328.000
330.000	7.5085	282.7648	350.3412	2.9533	0.3154	0.6060	358.28	0.2275	268.8	2.82	0.7161	133.183	330.000

THERMODYNAMIC PROPERTIES OF ARGON

90.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
332.000	7.5629	283.4856	351.5520	2.9568	0.3152	0.6045	359.41	0.2282	269.9	2.85	0.7160	132.224	332.000
334.000	7.6172	284.2847	352.7598	2.9686	0.3152	0.6033	360.52	0.2288	270.9	2.89	0.7143	131.281	334.000
336.000	7.6714	284.9228	353.9654	2.9841	0.3152	0.6020	361.63	0.2295	272.0	2.92	0.7135	130.354	336.000
338.000	7.7256	285.6374	355.1679	2.9879	0.3149	0.6008	362.74	0.2302	273.0	2.96	0.7126	129.440	338.000
340.000	7.7796	286.3515	356.3683	2.9714	0.3149	0.5995	363.84	0.2309	274.0	3.00	0.7114	128.541	340.000
342.000	7.8334	287.0651	357.5661	2.9749	0.3149	0.5983	364.94	0.2316	275.1	3.03	0.7106	127.658	342.000
344.000	7.8872	287.7784	358.7616	2.9784	0.3149	0.5973	366.03	0.2323	276.1	3.07	0.7099	126.787	344.000
346.000	7.9410	288.4853	359.9547	2.9819	0.3147	0.5960	367.11	0.2330	277.2	3.10	0.7091	125.928	346.000
348.000	7.9948	289.1922	361.1455	2.9851	0.3147	0.5950	368.20	0.2337	278.2	3.14	0.7083	125.081	348.000
350.000	8.0483	289.8990	362.3343	2.9886	0.3147	0.5938	369.27	0.2345	279.3	3.18	0.7072	124.250	350.000
352.000	8.1017	290.6058	363.5209	2.9919	0.3147	0.5928	370.34	0.2352	280.3	3.21	0.7064	123.431	352.000
354.000	8.1550	291.3105	364.7054	2.9954	0.3144	0.5918	371.41	0.2359	281.3	3.25	0.7057	122.624	354.000
356.000	8.2082	292.0139	365.8876	2.9986	0.3144	0.5908	372.47	0.2366	282.4	3.29	0.7051	121.829	356.000
358.000	8.2613	292.7166	367.0682	3.0019	0.3144	0.5898	373.53	0.2373	283.4	3.32	0.7043	121.046	358.000
360.000	8.3145	293.4166	368.2467	3.0052	0.3144	0.5888	374.59	0.2380	284.5	3.36	0.7038	120.271	360.000
362.000	8.3673	294.1172	369.4232	3.0084	0.3144	0.5878	375.64	0.2387	285.5	3.40	0.7030	119.512	362.000
364.000	8.4202	294.8156	370.5977	3.0117	0.3142	0.5870	376.68	0.2395	286.5	3.44	0.7022	118.761	364.000
366.000	8.4733	295.5115	371.7700	3.0149	0.3142	0.5860	377.73	0.2402	287.6	3.47	0.7017	118.018	366.000
368.000	8.5258	296.2098	372.9418	3.0182	0.3142	0.5850	378.76	0.2409	288.6	3.51	0.7009	117.291	368.000
370.000	8.5787	296.9084	374.1113	3.0214	0.3142	0.5843	379.80	0.2416	289.7	3.55	0.7000	116.568	370.000
372.000	8.6313	297.5978	375.2788	3.0244	0.3142	0.5835	380.83	0.2424	290.7	3.59	0.6998	115.857	372.000
374.000	8.6837	298.2917	376.4451	3.0277	0.3142	0.5825	381.85	0.2431	291.7	3.62	0.6990	115.158	374.000
376.000	8.7361	298.9841	377.6094	3.0307	0.3142	0.5818	382.87	0.2438	292.8	3.66	0.6987	114.467	376.000
378.000	8.7886	299.6748	378.7722	3.0337	0.3139	0.5810	383.89	0.2446	293.8	3.70	0.6982	113.784	378.000
380.000	8.8407	300.3676	379.9337	3.0369	0.3139	0.5803	384.90	0.2453	294.8	3.74	0.6973	113.113	380.000
382.000	8.8932	301.0547	381.0934	3.0400	0.3139	0.5795	385.91	0.2460	295.9	3.78	0.6971	112.446	382.000
384.000	8.9453	301.7437	382.2514	3.0430	0.3139	0.5788	386.92	0.2467	296.9	3.81	0.6965	111.798	384.000
386.000	8.9974	302.4319	383.4084	3.0460	0.3139	0.5786	387.92	0.2475	297.9	3.85	0.6957	111.143	386.000
388.000	9.0494	303.1187	384.5637	3.0490	0.3139	0.5773	388.92	0.2482	299.0	3.89	0.6954	110.504	388.000
390.000	9.1014	303.8049	385.7177	3.0520	0.3139	0.5767	389.92	0.2489	300.0	3.93	0.6952	109.873	390.000
392.000	9.1533	304.4901	386.8702	3.0547	0.3139	0.5760	390.91	0.2496	301.0	3.97	0.6946	109.256	392.000
394.000	9.2052	305.1748	388.0214	3.0577	0.3137	0.5752	391.90	0.2504	302.0	4.01	0.6938	108.636	394.000
396.000	9.2569	305.8592	389.1714	3.0607	0.3137	0.5747	392.88	0.2511	303.1	4.04	0.6938	108.027	396.000
398.000	9.3085	306.5432	390.3201	3.0635	0.3137	0.5740	393.87	0.2518	304.1	4.08	0.6932	107.428	398.000
400.000	9.3604	307.2237	391.4674	3.0665	0.3137	0.5735	394.84	0.2526	305.1	4.12	0.6927	106.833	400.000

THERMODYNAMIC PROPERTIES OF ARGON

100.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
86.000	0.6980	69.6745	76.6549	1.3122	0.7274	1.2994	827.47	1.3698	3056.7	0.74	2.8523	1432.583	86.000
87.000	0.7016	70.9315	77.9411	1.3278	0.6982	1.2659	828.81	1.3513	2916.8	0.75	2.7325	1426.631	87.000
88.000	0.7039	72.1516	79.1982	1.3412	0.6721	1.2374	829.79	1.3335	2831.8	0.76	2.6276	1420.739	88.000
89.000	0.7068	73.3467	80.4145	1.3550	0.6491	1.2131	830.21	1.3163	2751.0	0.77	2.5353	1414.866	89.000
90.000	0.7097	74.5202	81.6173	1.3685	0.6286	1.1923	830.12	1.2996	2674.1	0.77	2.4533	1409.010	90.000
91.000	0.7127	75.6736	82.8064	1.3815	0.6103	1.1750	829.35	1.2834	2600.6	0.78	2.3810	1403.154	91.000
92.000	0.7157	76.8122	83.9689	1.3943	0.5940	1.1605	828.07	1.2676	2530.5	0.78	2.3167	1397.301	92.000
93.000	0.7187	77.9371	85.1239	1.4068	0.5798	1.1482	826.38	1.2523	2463.4	0.78	2.2587	1391.445	93.000
94.000	0.7217	79.0488	86.2651	1.4191	0.5667	1.1382	824.01	1.2373	2399.1	0.78	2.2070	1385.584	94.000
95.000	0.7248	80.1507	87.3986	1.4311	0.5555	1.1297	821.23	1.2227	2337.4	0.78	2.1597	1379.704	95.000
96.000	0.7279	81.2467	88.5258	1.4429	0.5452	1.1232	817.97	1.2084	2278.1	0.78	2.1175	1373.796	96.000
97.000	0.7311	82.3359	89.6465	1.4544	0.5359	1.1188	814.38	1.1944	2221.0	0.78	2.0788	1367.868	97.000
98.000	0.7343	83.4194	90.7620	1.4659	0.5279	1.1139	810.42	1.1807	2166.1	0.78	2.0436	1361.919	98.000
99.000	0.7375	84.4994	91.8744	1.4772	0.5204	1.1109	806.07	1.1673	2113.1	0.77	2.0111	1355.927	99.000
100.000	0.7408	85.5753	92.9831	1.4884	0.5137	1.1087	801.54	1.1541	2062.1	0.77	1.9810	1349.919	100.000
101.000	0.7441	86.6513	94.0926	1.4994	0.5079	1.1077	796.61	1.1410	2012.7	0.77	1.9539	1343.869	101.000
102.000	0.7475	87.7251	95.2003	1.5102	0.5024	1.1072	791.54	1.1283	1965.1	0.76	1.9283	1337.771	102.000
103.000	0.7510	88.7979	96.3074	1.5212	0.4974	1.1072	786.21	1.1157	1919.0	0.76	1.9044	1331.639	103.000
104.000	0.7545	89.8699	97.4144	1.5317	0.4929	1.1079	780.72	1.1032	1874.4	0.75	1.8825	1325.463	104.000
105.000	0.7580	90.9441	98.5241	1.5426	0.4886	1.1092	775.11	1.0910	1831.2	0.75	1.8617	1319.259	105.000
106.000	0.7616	92.0172	99.6333	1.5530	0.4849	1.1107	769.37	1.0789	1789.4	0.74	1.8421	1313.007	106.000
107.000	0.7653	93.0912	100.7448	1.5633	0.4814	1.1127	763.51	1.0670	1748.9	0.73	1.8238	1306.711	107.000
108.000	0.7690	94.1678	101.8579	1.5738	0.4781	1.1149	757.54	1.0552	1709.5	0.73	1.8063	1300.367	108.000
109.000	0.7728	95.2448	102.9729	1.5841	0.4751	1.1175	751.52	1.0436	1671.4	0.72	1.7897	1293.988	109.000
110.000	0.7767	96.3266	104.0933	1.5943	0.4721	1.1205	745.42	1.0320	1634.3	0.72	1.7744	1287.548	110.000
111.000	0.7806	97.4086	105.2146	1.6043	0.4698	1.1235	739.24	1.0206	1598.3	0.71	1.7594	1281.068	111.000
112.000	0.7846	98.4952	106.3412	1.6146	0.4671	1.1278	732.99	1.0093	1563.3	0.70	1.7456	1274.529	112.000
113.000	0.7887	99.5817	107.4685	1.6246	0.4646	1.1335	726.72	0.9981	1529.3	0.70	1.7321	1267.954	113.000
114.000	0.7928	100.6717	108.5999	1.6346	0.4624	1.1345	720.46	0.9870	1496.3	0.69	1.7199	1261.322	114.000
115.000	0.7970	101.7672	109.7376	1.6444	0.4603	1.1385	714.62	0.9760	1464.1	0.68	1.7078	1254.639	115.000
116.000	0.8013	102.8644	110.8779	1.6544	0.4583	1.1427	707.68	0.9651	1432.7	0.68	1.6964	1247.908	116.000
117.000	0.8057	103.9668	112.0234	1.6642	0.4563	1.1472	701.12	0.9543	1402.2	0.67	1.6857	1241.105	117.000
118.000	0.8102	105.0716	113.1736	1.6739	0.4546	1.1528	694.59	0.9436	1372.4	0.66	1.6755	1234.253	118.000
119.000	0.8148	106.1795	114.3271	1.6837	0.4528	1.1588	688.04	0.9329	1343.4	0.66	1.6658	1227.358	119.000
120.000	0.8194	107.2928	115.4861	1.6935	0.4511	1.1628	681.44	0.9223	1315.1	0.65	1.6569	1220.387	120.000
121.000	0.8242	108.4100	116.6516	1.7030	0.4496	1.1675	674.77	0.9118	1287.5	0.64	1.6486	1213.357	121.000
122.000	0.8290	109.5317	117.8217	1.7127	0.4481	1.1733	668.06	0.9013	1260.6	0.64	1.6410	1206.274	122.000
123.000	0.8340	110.6577	118.9972	1.7222	0.4466	1.1793	661.28	0.8909	1234.3	0.63	1.6338	1199.111	123.000
124.000	0.8390	111.7896	120.1797	1.7318	0.4453	1.1855	654.46	0.8805	1208.6	0.62	1.6273	1191.885	124.000
125.000	0.8442	112.9270	121.3688	1.7413	0.4441	1.1923	647.56	0.8702	1183.4	0.62	1.6214	1184.588	125.000
126.000	0.8495	114.0702	122.5648	1.7510	0.4428	1.1993	640.61	0.8599	1158.9	0.61	1.6163	1177.220	126.000
127.000	0.8549	115.2192	123.7679	1.7605	0.4416	1.2066	633.58	0.8496	1134.8	0.60	1.6116	1169.765	127.000
128.000	0.8604	116.3741	124.9782	1.7698	0.4406	1.2146	626.47	0.8394	1111.2	0.59	1.6079	1162.235	128.000
129.000	0.8661	117.5356	126.1968	1.7793	0.4396	1.2226	619.31	0.8292	1088.2	0.59	1.6045	1154.626	129.000
130.000	0.8719	118.7053	127.4244	1.7888	0.4386	1.2314	612.03	0.8191	1065.5	0.58	1.6018	1146.907	130.000

THERMODYNAMIC PROPERTIES OF ARGON

100.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
131.000	0.8779	119.8805	120.6593	1.7983	0.4378	1.2486	664.71	0.8089	1043.3	0.57	1.6001	1139.117	131.000
132.000	0.8840	121.0650	121.9051	1.8079	0.4371	1.2501	597.28	0.7988	1021.6	0.56	1.5988	1131.212	132.000
133.000	0.8901	122.2572	123.1662	1.8174	0.4363	1.2684	589.77	0.7987	1000.2	0.56	1.5984	1123.210	133.000
134.000	0.8960	123.4586	124.4264	1.8269	0.4358	1.2714	582.18	0.7785	979.2	0.55	1.5992	1115.097	134.000
135.000	0.9024	124.6681	125.7026	1.8364	0.4351	1.2829	574.49	0.7684	958.6	0.54	1.6005	1106.871	135.000
136.000	0.9103	125.8893	126.9926	1.8459	0.4346	1.2949	566.71	0.7583	938.3	0.53	1.6023	1098.514	136.000
137.000	0.9174	127.1199	128.2939	1.8554	0.4343	1.3068	558.83	0.7482	918.3	0.52	1.6053	1090.033	137.000
138.000	0.9247	128.3606	129.6076	1.8649	0.4341	1.3215	550.88	0.7381	898.6	0.52	1.6088	1081.424	138.000
139.000	0.9323	129.6144	130.9371	1.8744	0.4338	1.3368	542.86	0.7279	879.2	0.51	1.6137	1072.656	139.000
140.000	0.9401	130.8796	132.2868	1.8842	0.4336	1.3515	534.65	0.7178	860.1	0.50	1.6194	1063.743	140.000
141.000	0.9482	132.1586	133.6396	1.8937	0.4336	1.3678	526.39	0.7077	841.3	0.49	1.6268	1054.667	141.000
142.000	0.9566	133.4511	134.8167	1.9035	0.4336	1.3851	518.03	0.6976	822.7	0.48	1.6334	1045.415	142.000
143.000	0.9653	134.7586	136.4107	1.9132	0.4336	1.4036	509.58	0.6875	804.3	0.47	1.6420	1035.988	143.000
144.000	0.9743	136.0809	137.8241	1.9233	0.4338	1.4231	501.04	0.6775	786.1	0.46	1.6512	1026.356	144.000
145.000	0.9837	137.4205	139.2579	1.9330	0.4341	1.4441	492.40	0.6675	768.1	0.45	1.6618	1016.529	145.000
146.000	0.9936	138.7778	140.7126	1.9430	0.4346	1.4662	483.67	0.6575	750.4	0.45	1.6733	1006.482	146.000
147.000	1.0038	140.1523	142.1905	1.9530	0.4351	1.4899	474.83	0.6476	732.8	0.44	1.6860	996.199	147.000
148.000	1.0145	141.5476	143.6929	1.9633	0.4356	1.5150	465.93	0.6379	715.3	0.43	1.6988	985.673	148.000
149.000	1.0258	142.9631	145.2207	1.9736	0.4363	1.5418	456.95	0.6282	698.0	0.42	1.7131	974.891	149.000
150.000	1.0375	144.4020	146.7775	1.9841	0.4371	1.5703	447.88	0.6187	680.9	0.41	1.7282	963.817	150.000
151.000	1.0499	145.8635	148.3628	1.9946	0.4381	1.6008	438.74	0.6093	663.8	0.40	1.7446	952.452	151.000
152.000	1.0630	147.3496	149.9794	2.0054	0.4391	1.6334	429.54	0.6000	646.9	0.39	1.7618	940.775	152.000
153.000	1.0767	148.8627	151.6298	2.0161	0.4401	1.6682	420.28	0.5909	630.1	0.38	1.7788	928.763	153.000
154.000	1.0912	150.4043	153.3167	2.0271	0.4413	1.7052	410.97	0.5820	613.4	0.37	1.7972	916.387	154.000
155.000	1.1066	151.9749	155.0412	2.0381	0.4426	1.7450	401.64	0.5732	596.8	0.36	1.8169	903.644	155.000
156.000	1.1230	153.5775	156.8073	2.0497	0.4441	1.7876	392.28	0.5645	580.3	0.35	1.8376	890.489	156.000
157.000	1.1404	155.2134	158.6171	2.0612	0.4458	1.8329	382.92	0.5558	563.9	0.35	1.8596	876.911	157.000
158.000	1.1589	156.8858	160.4743	2.0729	0.4473	1.8814	373.57	0.5471	547.6	0.34	1.8832	862.869	158.000
159.000	1.1788	158.5948	170.3815	2.0858	0.4491	1.9330	364.26	0.5384	531.3	0.33	1.9075	848.358	159.000
160.000	1.2000	160.3417	172.3415	2.0972	0.4511	1.9881	355.02	0.5296	515.2	0.32	1.9340	833.343	160.000
161.000	1.2228	162.1307	174.3587	2.1097	0.4528	2.0462	345.89	0.5208	499.1	0.31	1.9617	817.799	161.000
162.000	1.2473	163.9612	176.4344	2.1228	0.4548	2.1072	336.90	0.5118	483.2	0.30	1.9914	801.720	162.000
163.000	1.2738	165.8356	178.5731	2.1358	0.4566	2.1706	328.10	0.5017	467.5	0.29	2.0226	785.082	163.000
164.000	1.3023	167.7538	180.7765	2.1493	0.4586	2.2357	319.55	0.4917	451.9	0.29	2.0547	767.892	164.000
165.000	1.3330	169.7148	183.0444	2.1631	0.4603	2.3007	311.33	0.4812	436.5	0.28	2.0870	750.160	165.000
166.000	1.3663	171.7149	185.3775	2.1771	0.4619	2.3641	303.59	0.4704	421.4	0.27	2.1178	731.927	166.000
167.000	1.4028	173.7511	187.7718	2.1916	0.4634	2.4232	296.14	0.4591	406.7	0.27	2.1466	713.262	167.000
168.000	1.4425	175.8187	190.2213	2.2061	0.4644	2.4747	289.32	0.4474	392.4	0.26	2.1705	694.224	168.000
169.000	1.4815	177.9020	192.7173	2.2209	0.4651	2.5158	283.13	0.4355	378.6	0.26	2.1871	674.977	169.000
170.000	1.5252	179.9959	195.2478	2.2359	0.4651	2.5433	277.61	0.4234	365.5	0.25	2.1955	655.655	170.000
171.000	1.5713	182.0856	197.7984	2.2509	0.4649	2.5551	272.79	0.4113	353.1	0.25	2.1935	636.424	171.000
172.000	1.6195	184.1573	200.3524	2.2657	0.4639	2.5496	268.68	0.3993	341.5	0.25	2.1805	617.468	172.000
173.000	1.6696	186.1957	202.8915	2.2805	0.4624	2.5275	265.26	0.3876	330.7	0.26	2.1565	598.952	173.000
174.000	1.7211	188.1911	205.4020	2.2958	0.4601	2.4902	262.48	0.3763	320.7	0.26	2.1223	581.028	174.000
175.000	1.7737	190.1326	207.8687	2.3098	0.4573	2.4404	260.28	0.3654	311.6	0.27	2.0811	563.882	175.000

THERMODYNAMIC PROPERTIES OF ARGON

100.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
170.000	1.9269	192.0101	210.2794	2.3228	0.4543	2.3803	258.60	0.3550	303.3	0.27	2.0337	547.367	170.000
177.000	1.8885	193.0212	212.0266	2.3366	0.4508	2.3133	257.37	0.3452	295.9	0.28	1.9829	531.768	177.000
178.000	1.9342	195.5628	214.9841	2.3491	0.4471	2.2419	256.51	0.3360	289.1	0.29	1.9290	517.007	178.000
179.000	1.9877	197.2325	217.1995	2.3613	0.4431	2.1688	255.97	0.3273	283.0	0.30	1.8751	503.093	179.000
180.000	2.0488	198.8332	219.2413	2.3731	0.4391	2.0958	255.78	0.3193	277.6	0.31	1.8214	490.002	180.000
181.000	2.0934	200.3657	221.2999	2.3846	0.4348	2.0229	255.85	0.3117	272.7	0.32	1.7698	477.686	181.000
182.000	2.1454	201.8334	223.2873	2.3958	0.4308	1.9528	255.78	0.3047	268.2	0.33	1.7189	466.117	182.000
183.000	2.1967	203.2396	225.2063	2.4061	0.4268	1.8857	256.06	0.2982	264.3	0.35	1.6713	455.235	183.000
184.000	2.2472	204.5871	227.0592	2.4161	0.4228	1.8218	256.46	0.2921	260.7	0.36	1.6258	444.997	184.000
185.000	2.2978	205.8809	228.8507	2.4259	0.4188	1.7613	256.96	0.2864	257.4	0.37	1.5829	435.353	185.000
186.000	2.3468	207.1234	230.5832	2.4352	0.4148	1.7045	257.54	0.2812	254.5	0.39	1.5426	426.261	186.000
187.000	2.3942	208.3184	232.2584	2.4442	0.4113	1.6511	258.19	0.2763	251.9	0.40	1.5053	417.676	187.000
188.000	2.4417	209.4693	233.8806	2.4529	0.4075	1.6011	258.89	0.2717	249.5	0.41	1.4703	409.555	188.000
189.000	2.4884	210.5796	235.4533	2.4612	0.4040	1.5546	259.64	0.2675	247.3	0.43	1.4367	401.869	189.000
190.000	2.5344	211.6518	236.9753	2.4695	0.4008	1.5102	260.43	0.2636	245.3	0.44	1.4054	394.574	190.000
191.000	2.5797	212.6879	238.4848	2.4772	0.3975	1.4892	261.24	0.2599	243.5	0.46	1.3765	387.643	191.000
192.000	2.6243	213.6918	239.9847	2.4847	0.3945	1.4389	262.06	0.2565	241.9	0.47	1.3494	381.056	192.000
193.000	2.6683	214.6641	241.3478	2.4920	0.3915	1.3948	262.94	0.2533	240.4	0.48	1.3238	374.772	193.000
194.000	2.7116	215.6086	242.7256	2.4992	0.3888	1.3613	263.81	0.2504	239.1	0.50	1.2998	368.786	194.000
195.000	2.7544	216.5263	244.0763	2.5060	0.3860	1.3295	264.69	0.2476	237.8	0.51	1.2769	363.055	195.000
196.000	2.7966	217.4184	245.3842	2.5128	0.3835	1.2999	265.59	0.2450	236.7	0.53	1.2559	357.579	196.000
197.000	2.8382	218.2862	246.6764	2.5193	0.3810	1.2722	266.48	0.2427	235.7	0.54	1.2355	352.333	197.000
198.000	2.8794	219.1355	247.9290	2.5258	0.3787	1.2459	267.39	0.2404	234.8	0.56	1.2168	347.300	198.000
199.000	2.9200	219.9628	249.1624	2.5320	0.3765	1.2211	268.30	0.2384	233.9	0.57	1.1986	342.478	199.000
200.000	2.9601	220.7705	250.3717	2.5380	0.3742	1.1978	269.21	0.2364	233.2	0.58	1.1816	337.824	200.000
202.000	3.0395	222.3341	252.7293	2.5498	0.3702	1.1548	271.02	0.2329	231.8	0.61	1.1493	329.000	202.000
204.000	3.1168	223.8324	255.0000	2.5606	0.3665	1.1165	272.83	0.2299	230.8	0.64	1.1208	320.846	204.000
206.000	3.1925	225.2731	257.1978	2.5716	0.3630	1.0822	274.64	0.2273	229.9	0.67	1.0945	313.236	206.000
208.000	3.2668	226.6628	259.3364	2.5819	0.3600	1.0509	276.43	0.2250	229.2	0.70	1.0705	306.114	208.000
210.000	3.3398	228.0057	261.4033	2.5919	0.3570	1.0226	278.21	0.2231	228.7	0.73	1.0482	299.422	210.000
212.000	3.4115	229.3072	263.4222	2.6014	0.3542	0.9968	279.98	0.2214	228.3	0.76	1.0279	293.126	212.000
214.000	3.4821	230.5711	265.3922	2.6106	0.3517	0.9735	281.72	0.2199	228.1	0.79	1.0098	287.182	214.000
216.000	3.5517	231.8000	267.3175	2.6197	0.3495	0.9517	283.45	0.2186	227.9	0.82	0.9922	281.558	216.000
218.000	3.6202	232.9965	269.2010	2.6284	0.3475	0.9320	285.16	0.2175	227.9	0.84	0.9765	276.224	218.000
220.000	3.6879	234.1626	271.0464	2.6367	0.3454	0.9137	286.85	0.2166	227.9	0.87	0.9614	271.159	220.000
222.000	3.7547	235.3008	272.8567	2.6449	0.3437	0.8969	288.52	0.2158	228.1	0.90	0.9480	266.333	222.000
224.000	3.8207	236.4277	274.6342	2.6529	0.3419	0.8811	290.17	0.2151	228.3	0.93	0.9352	261.735	224.000
226.000	3.8858	237.5235	276.3818	2.6607	0.3404	0.8666	291.81	0.2145	228.5	0.96	0.9232	257.345	226.000
228.000	3.9503	238.5976	278.1018	2.6682	0.3389	0.8529	293.43	0.2140	228.8	0.99	0.9118	253.143	228.000
230.000	4.0141	239.6526	279.7948	2.6757	0.3374	0.8403	295.03	0.2136	229.2	1.02	0.9017	249.120	230.000
232.000	4.0773	240.6895	281.4624	2.6830	0.3362	0.8283	296.61	0.2133	229.6	1.05	0.8916	245.261	232.000
234.000	4.1399	241.7091	283.1078	2.6900	0.3349	0.8173	298.18	0.2130	230.1	1.08	0.8829	241.554	234.000
236.000	4.2018	242.7135	284.7314	2.6968	0.3339	0.8068	299.74	0.2128	230.6	1.11	0.8743	237.994	236.000
238.000	4.2633	243.7024	286.3350	2.7035	0.3329	0.7970	301.27	0.2127	231.1	1.14	0.8660	234.563	238.000
240.000	4.3242	244.6780	287.9195	2.7100	0.3319	0.7875	302.80	0.2126	231.7	1.17	0.8583	231.259	240.000

THERMODYNAMIC PROPERTIES OF ARGON

100.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
242.000	4.3845	245.6469	289.4861	2.7168	0.3389	0.7798	384.38	0.2125	232.3	1.20	0.8616	228.075	242.000
244.000	4.4444	246.5915	291.8353	2.7236	0.3299	0.7768	385.88	0.2125	233.0	1.23	0.8451	225.003	244.000
246.000	4.5039	247.5298	292.5686	2.7293	0.3292	0.7627	387.28	0.2126	233.6	1.26	0.8381	222.031	246.000
248.000	4.5629	248.4578	294.8868	2.7356	0.3284	0.7555	388.75	0.2126	234.3	1.28	0.8326	219.159	248.000
250.000	4.6215	249.3752	295.5905	2.7416	0.3277	0.7485	310.20	0.2128	235.0	1.31	0.8266	216.378	250.000
252.000	4.6797	250.2836	297.0804	2.7476	0.3269	0.7417	311.64	0.2129	235.7	1.34	0.8211	213.690	252.000
254.000	4.7375	251.1822	298.5573	2.7533	0.3264	0.7352	313.07	0.2131	236.5	1.37	0.8159	211.081	254.000
256.000	4.7950	252.0722	300.0218	2.7591	0.3257	0.7292	314.49	0.2133	237.3	1.40	0.8112	208.553	256.000
258.000	4.8520	252.9542	301.4744	2.7648	0.3252	0.7234	315.89	0.2135	238.0	1.43	0.8065	206.100	258.000
260.000	4.9088	253.8278	302.9160	2.7704	0.3247	0.7179	317.29	0.2138	238.8	1.46	0.8019	203.715	260.000
262.000	4.9653	254.6939	304.3469	2.7759	0.3242	0.7127	318.67	0.2140	239.7	1.49	0.7983	201.398	262.000
264.000	5.0214	255.5535	305.7672	2.7811	0.3237	0.7077	320.04	0.2143	240.5	1.52	0.7942	199.149	264.000
266.000	5.0772	256.4060	307.1778	2.7866	0.3232	0.7029	321.40	0.2147	241.3	1.55	0.7906	196.960	266.000
268.000	5.1327	257.2524	308.5791	2.7919	0.3227	0.6984	322.76	0.2150	242.2	1.58	0.7868	194.830	268.000
270.000	5.1880	258.0916	309.9715	2.7969	0.3224	0.6939	324.10	0.2154	243.1	1.61	0.7831	192.753	270.000
272.000	5.2429	258.9267	311.3552	2.8021	0.3219	0.6896	325.43	0.2157	243.9	1.64	0.7798	190.736	272.000
274.000	5.2976	259.7556	312.7305	2.8071	0.3217	0.6856	326.75	0.2161	244.8	1.67	0.7767	188.766	274.000
276.000	5.3520	260.5777	314.0981	2.8122	0.3212	0.6819	328.07	0.2165	245.7	1.70	0.7739	186.845	276.000
278.000	5.4062	261.3954	315.4578	2.8169	0.3209	0.6781	329.37	0.2170	246.6	1.73	0.7706	184.971	278.000
280.000	5.4603	262.2078	316.8104	2.8219	0.3207	0.6744	330.67	0.2174	247.5	1.76	0.7677	183.142	280.000
282.000	5.5139	263.0169	318.1559	2.8267	0.3204	0.6711	331.95	0.2179	248.5	1.79	0.7654	181.366	282.000
284.000	5.5675	263.8197	319.4946	2.8314	0.3199	0.6676	333.23	0.2183	249.4	1.82	0.7627	179.614	284.000
286.000	5.6207	264.6194	320.8268	2.8359	0.3197	0.6646	334.50	0.2188	250.3	1.85	0.7603	177.912	286.000
288.000	5.6739	265.4141	322.1528	2.8407	0.3194	0.6614	335.77	0.2193	251.3	1.88	0.7579	176.247	288.000
290.000	5.7267	266.2055	323.4725	2.8452	0.3192	0.6584	337.02	0.2198	252.2	1.91	0.7554	174.621	290.000
292.000	5.7795	266.9919	324.7865	2.8497	0.3189	0.6556	338.27	0.2203	253.2	1.94	0.7535	173.027	292.000
294.000	5.8320	267.7763	326.0949	2.8542	0.3187	0.6528	339.51	0.2208	254.1	1.97	0.7513	171.469	294.000
296.000	5.8842	268.5559	327.3979	2.8585	0.3184	0.6501	340.74	0.2214	255.1	2.00	0.7490	169.947	296.000
298.000	5.9364	269.3317	328.6956	2.8628	0.3184	0.6476	341.96	0.2219	256.1	2.03	0.7474	168.453	298.000
300.000	5.9884	270.1046	329.9882	2.8672	0.3182	0.6451	343.18	0.2225	257.0	2.07	0.7451	166.991	300.000
302.000	6.0401	270.8748	331.2756	2.8715	0.3179	0.6426	344.39	0.2230	258.0	2.10	0.7434	165.561	302.000
304.000	6.0917	271.6418	332.5586	2.8757	0.3177	0.6403	345.59	0.2236	259.0	2.13	0.7417	164.158	304.000
306.000	6.1431	272.4059	333.8370	2.8800	0.3177	0.6381	346.79	0.2242	260.0	2.16	0.7400	162.784	306.000
308.000	6.1945	273.1666	335.1109	2.8842	0.3174	0.6358	347.98	0.2247	261.0	2.19	0.7385	161.434	308.000
310.000	6.2456	273.9238	336.3803	2.8883	0.3172	0.6338	349.16	0.2253	261.9	2.22	0.7368	160.112	310.000
312.000	6.2967	274.6786	337.6457	2.8923	0.3172	0.6316	350.34	0.2259	262.9	2.25	0.7350	158.813	312.000
314.000	6.3475	275.4323	338.9071	2.8963	0.3169	0.6296	351.51	0.2265	263.9	2.28	0.7335	157.543	314.000
316.000	6.3983	276.1816	340.1642	2.9003	0.3169	0.6278	352.68	0.2271	264.9	2.31	0.7323	156.293	316.000
318.000	6.4489	276.9292	341.4178	2.9043	0.3167	0.6258	353.84	0.2278	265.9	2.35	0.7305	155.066	318.000
320.000	6.4993	277.6751	342.6677	2.9083	0.3167	0.6241	354.99	0.2284	266.9	2.38	0.7293	153.864	320.000
322.000	6.5496	278.4179	343.9138	2.9120	0.3164	0.6223	356.14	0.2290	267.9	2.41	0.7280	152.681	322.000
324.000	6.5997	279.1600	345.1567	2.9160	0.3164	0.6206	357.28	0.2296	268.9	2.44	0.7268	151.523	324.000
326.000	6.6498	279.8977	346.3958	2.9198	0.3162	0.6188	358.42	0.2303	269.9	2.47	0.7252	150.388	326.000
328.000	6.6998	280.6337	347.6319	2.9236	0.3162	0.6173	359.55	0.2309	270.9	2.51	0.7242	149.258	328.000
330.000	6.7496	281.3698	348.8648	2.9273	0.3159	0.6156	360.67	0.2315	271.9	2.54	0.7230	148.159	330.000

THERMODYNAMIC PROPERTIES OF ARGON

100.0 BAR ISOBAR

TEMP. DEG.K	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000	TEMP. DEG.K
332.000	0.7994	282.1007	356.0944	2.9311	0.3159	0.6140	361.79	0.2322	273.0	2.57	0.7219	147.073	332.000
334.000	0.8048	282.8327	351.3212	2.9346	0.3159	0.6125	362.91	0.2328	274.0	2.60	0.7210	146.010	334.000
336.000	0.8098	283.5618	352.5448	2.9383	0.3157	0.6110	364.02	0.2335	275.0	2.64	0.7196	144.963	336.000
338.000	0.8147	284.2887	353.7657	2.9418	0.3157	0.6098	365.12	0.2341	276.0	2.67	0.7189	143.933	338.000
340.000	0.8196	285.0135	354.9837	2.9456	0.3157	0.6083	366.22	0.2348	277.0	2.70	0.7176	142.918	340.000
342.000	0.8243	285.7366	356.1991	2.9491	0.3154	0.6070	367.32	0.2355	278.0	2.73	0.7166	141.919	342.000
344.000	0.8290	286.4597	357.4118	2.9526	0.3154	0.6058	368.41	0.2361	279.0	2.77	0.7159	140.941	344.000
346.000	0.8337	287.1797	358.6217	2.9561	0.3154	0.6043	369.49	0.2368	280.0	2.80	0.7145	139.974	346.000
348.000	0.8383	287.8967	359.8293	2.9596	0.3152	0.6030	370.57	0.2375	281.1	2.83	0.7137	139.023	348.000
350.000	0.8428	288.6145	361.0341	2.9631	0.3152	0.6020	371.65	0.2382	282.1	2.87	0.7130	138.084	350.000
352.000	0.8473	289.3290	362.2366	2.9666	0.3152	0.6008	372.72	0.2388	283.1	2.90	0.7122	137.161	352.000
354.000	0.8518	290.0452	363.4372	2.9699	0.3152	0.5995	373.78	0.2395	284.1	2.93	0.7112	136.255	354.000
356.000	0.8563	290.7578	364.6356	2.9734	0.3149	0.5985	374.85	0.2402	285.1	2.96	0.7104	135.366	356.000
358.000	0.8607	291.4686	365.8308	2.9766	0.3149	0.5973	375.90	0.2409	286.1	3.00	0.7093	134.477	358.000
360.000	0.8645	292.1797	367.0244	2.9799	0.3149	0.5963	376.96	0.2416	287.1	3.03	0.7086	133.618	360.000
362.000	0.8727	292.8893	368.2159	2.9831	0.3149	0.5953	378.01	0.2423	288.2	3.07	0.7080	132.755	362.000
364.000	0.8810	293.5952	369.4055	2.9866	0.3147	0.5943	379.05	0.2430	289.2	3.10	0.7073	131.908	364.000
366.000	0.8291	294.3019	370.5928	2.9899	0.3147	0.5933	380.09	0.2436	290.2	3.13	0.7068	131.077	366.000
368.000	0.8770	295.0076	371.7786	2.9929	0.3147	0.5923	381.13	0.2443	291.2	3.17	0.7066	130.259	368.000
370.000	0.7249	295.7126	372.9616	2.9961	0.3147	0.5913	382.16	0.2450	292.2	3.20	0.7052	129.451	370.000
372.000	0.7729	296.4143	374.1431	2.9994	0.3147	0.5903	383.19	0.2457	293.2	3.24	0.7044	128.653	372.000
374.000	0.8207	297.1165	375.3226	3.0027	0.3147	0.5893	384.22	0.2464	294.2	3.27	0.7036	127.866	374.000
376.000	0.8684	297.8164	376.5006	3.0057	0.3144	0.5885	385.24	0.2471	295.3	3.30	0.7033	127.091	376.000
378.000	0.9162	298.5149	377.6767	3.0089	0.3144	0.5875	386.26	0.2478	296.3	3.34	0.7025	126.324	378.000
380.000	0.9635	299.2157	378.8510	3.0119	0.3144	0.5868	387.27	0.2485	297.3	3.37	0.7020	125.573	380.000
382.000	0.0112	299.9128	380.0238	3.0149	0.3144	0.5860	388.28	0.2492	298.3	3.41	0.7015	124.826	382.000
384.000	0.0586	300.6082	381.1945	3.0182	0.3144	0.5850	389.29	0.2500	299.3	3.44	0.7004	124.090	384.000
386.000	0.1061	301.3027	382.3640	3.0212	0.3144	0.5843	390.29	0.2507	300.3	3.48	0.6999	123.363	386.000
388.000	0.1534	301.9979	383.5318	3.0242	0.3142	0.5835	391.29	0.2514	301.3	3.51	0.6993	122.648	388.000
390.000	0.2007	302.6912	384.6978	3.0272	0.3142	0.5828	392.28	0.2521	302.3	3.55	0.6988	121.941	390.000
392.000	0.2477	303.3858	385.8626	3.0302	0.3142	0.5820	393.27	0.2528	303.3	3.58	0.6983	121.240	392.000
394.000	0.2956	304.0762	387.0259	3.0329	0.3142	0.5813	394.26	0.2535	304.3	3.62	0.6977	120.555	394.000
396.000	0.3428	304.7688	388.1876	3.0359	0.3142	0.5805	395.25	0.2542	305.3	3.65	0.6972	119.876	396.000
398.000	0.3899	305.4586	389.3479	3.0390	0.3142	0.5798	396.23	0.2549	306.4	3.69	0.6969	119.205	398.000
400.000	0.4369	306.1482	390.5067	3.0417	0.3142	0.5790	397.21	0.2556	307.4	3.72	0.6963	118.542	400.000

Fermi National Accelerator Laboratory

TM-1517-A

Thermophysical Properties of Argon

ADDENDUM

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DATA SOURCE INFORMATION

The data presented in these tables was gathered with the use of the fortran program FLUIDS which was provided by the National Bureau of Standards. Fluid properties at transitional boundaries and points are those obtained with the best fit equation or formula for that particular fluid. Consequently, at such divergent points as the triple and critical points, the accuracy of the properties given by FLUIDS can be off up to 10% in some cases. In listing the critical and triple point conditions within, values were taken from the National Bureau of Standards' publication "Thermodynamic Properties of Argon", not from FLUIDS. Outside of these two points, however, the error in FLUIDS is minimal, thus all other data in these tables were obtained through FLUIDS. The Temperature-Entropy Chart for Argon is also taken from NBS' "Thermodynamic Properties of Argon".

A. Jaques

FIXED POINTS FOR ARGON

TRIPLE POINT PROPERTIES OF ARGON

TEMP. DEG.K	PRESS. BAR	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000
83.780	0.687	0.7068	71.8277	71.8763	1.3332	1.0131	1.0506	578.87	1.3451	2884.0	0.68	2.9815	1414.175
83.780	0.687	246.9461	218.0977	235.0629	3.2803	0.3347	0.5485	187.70	0.0558	69.6	24.16	0.7103	4.055

CRITICAL POINT PROPERTIES OF ARGON

TEMP. DEG.K	PRESS. BAR	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000
150.860	48.979	1.8667	180.6997	189.8426	2.2012	0.6303	-------	178.79	2.2512	274.1	0.0009	587.6950	535.795
150.860	48.979	1.8667	180.6997	189.8426	2.2012	0.6303	-------	178.79	2.2512	274.1	0.0009	587.6950	535.795

Gas Constant, R = 0.0820535 liter-atm/g-mole K

Molecular weight of argon = 39.948g/g-mole

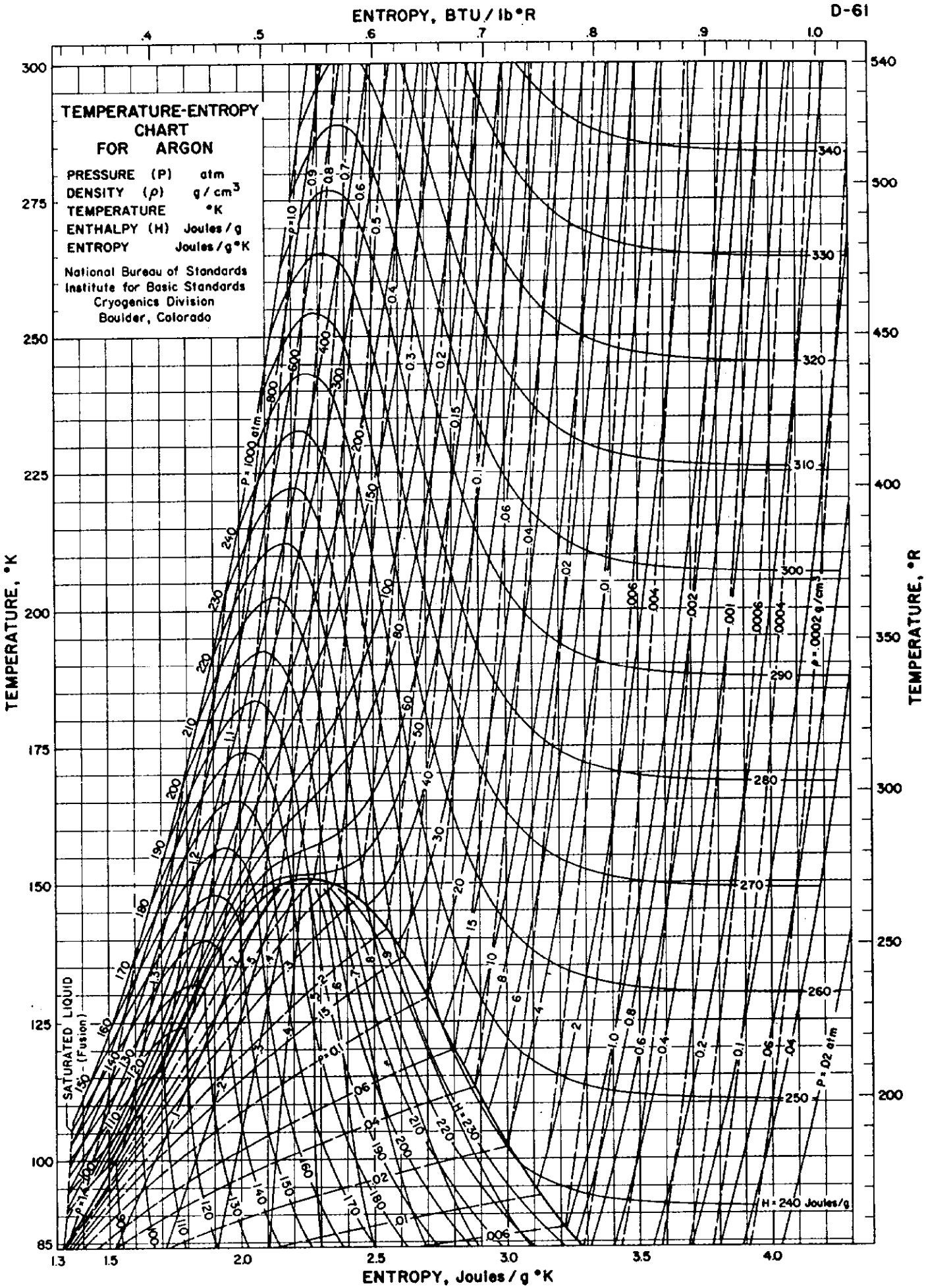

FIGURE 24. *Temperature-entropy chart.*

THERMODYNAMIC PROPERTIES OF SATURATED ARGON

TEMP. DEG.K	PRESS. BAR	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000
84.000	0.71	0.7077	69.4922	69.5424	1.3105	1.0021	1.3823	579.18	1.3412	2866.2	0.69	2.9540	1412.981
84.000	0.71	241.3939	217.5681	234.7071	3.2765	0.3349	0.5702	167.86	0.0559	69.8	23.66	0.7120	4.143
84.200	0.72	0.7083	69.7733	69.8243	1.3137	0.9913	1.3740	581.16	1.3373	2848.1	0.69	2.9263	1411.750
84.200	0.72	236.3791	217.7654	234.7847	3.2728	0.3354	0.5710	168.02	0.0561	70.0	23.22	0.7125	4.230
84.400	0.74	0.7090	70.0454	70.0979	1.3170	0.9810	1.3663	583.19	1.3335	2830.4	0.69	2.9000	1410.532
84.400	0.74	231.5684	217.7265	234.8626	3.2690	0.3357	0.5717	168.18	0.0562	70.1	22.76	0.7132	4.318
84.600	0.76	0.7096	70.3133	70.3672	1.3202	0.9708	1.3585	585.34	1.3297	2813.1	0.69	2.8741	1409.334
84.600	0.76	226.7440	217.7066	234.9391	3.2655	0.3359	0.5725	168.33	0.0564	70.3	22.34	0.7136	4.410
84.800	0.77	0.7102	70.5877	70.6423	1.3235	0.9607	1.3513	587.24	1.3259	2795.6	0.70	2.8491	1408.103
84.800	0.77	222.1166	217.9128	235.0158	3.2617	0.3362	0.5732	168.49	0.0566	70.5	21.93	0.7140	4.502
85.000	0.79	0.7108	70.8548	70.9109	1.3267	0.9510	1.3440	589.22	1.3222	2778.6	0.70	2.8244	1406.901
85.000	0.79	217.4852	217.9110	235.0923	3.2580	0.3364	0.5740	168.64	0.0567	70.6	21.48	0.7147	4.598
85.200	0.81	0.7114	71.1222	71.1798	1.3297	0.9415	1.3370	591.07	1.3184	2761.5	0.70	2.8004	1405.678
85.200	0.81	213.0429	217.9115	235.1660	3.2545	0.3369	0.5747	168.79	0.0569	70.8	21.09	0.7152	4.694
85.400	0.83	0.7120	71.3878	71.4469	1.3330	0.9320	1.3305	593.13	1.3148	2745.0	0.70	2.7777	1404.488
85.400	0.83	208.7785	217.9152	235.2438	3.2507	0.3372	0.5755	168.94	0.0570	71.0	20.68	0.7168	4.790
85.600	0.84	0.7126	71.6534	71.7132	1.3360	0.9232	1.3240	594.81	1.3110	2728.2	0.71	2.7552	1403.253
85.600	0.84	204.6815	218.1262	235.3194	3.2472	0.3374	0.5762	169.10	0.0572	71.1	20.32	0.7163	4.886
85.800	0.86	0.7132	71.9170	71.9783	1.3390	0.9142	1.3175	596.66	1.3074	2711.7	0.71	2.7328	1402.043
85.800	0.86	200.5813	218.1440	235.3940	3.2437	0.3377	0.5770	169.25	0.0574	71.3	19.95	0.7167	4.986
86.000	0.88	0.7139	72.1801	72.2429	1.3420	0.9054	1.3115	598.41	1.3037	2695.4	0.71	2.7114	1400.825
86.000	0.88	196.4878	218.1774	235.4684	3.2402	0.3382	0.5780	169.40	0.0575	71.5	19.55	0.7187	5.089
86.200	0.90	0.7145	72.4394	72.5037	1.3452	0.8969	1.3057	600.09	1.3001	2679.2	0.71	2.6907	1399.606
86.200	0.90	192.7063	218.1994	235.5429	3.2365	0.3384	0.5788	169.55	0.0577	71.6	19.21	0.7182	5.189
86.400	0.92	0.7151	72.7008	72.7666	1.3483	0.8887	1.2999	601.72	1.2965	2663.2	0.71	2.6703	1398.384
86.400	0.92	188.9249	218.2359	235.6170	3.2330	0.3387	0.5795	169.70	0.0578	71.8	18.84	0.7199	5.293
86.600	0.94	0.7157	72.9594	73.0267	1.3513	0.8804	1.2944	603.39	1.2930	2647.4	0.71	2.6503	1397.177
86.600	0.94	185.1520	218.2864	235.6906	3.2294	0.3392	0.5803	169.84	0.0580	71.9	18.51	0.7193	5.401
86.800	0.96	0.7164	73.2180	73.2868	1.3543	0.8724	1.2889	604.87	1.2894	2631.6	0.72	2.6306	1395.943
86.800	0.96	181.5268	218.3369	235.7635	3.2259	0.3394	0.5813	169.99	0.0582	72.1	18.18	0.7201	5.509
87.000	0.98	0.7170	73.4746	73.5449	1.3570	0.8646	1.2839	606.38	1.2858	2615.9	0.72	2.6121	1394.713
87.000	0.98	178.0408	218.3888	235.8368	3.2227	0.3397	0.5820	170.14	0.0583	72.3	17.83	0.7218	5.617
87.200	1.00	0.7176	73.7284	73.8002	1.3600	0.8569	1.2787	608.01	1.2823	2600.6	0.72	2.5932	1393.510
87.200	1.00	174.5645	218.4527	235.9092	3.2192	0.3399	0.5828	170.28	0.0585	72.4	17.52	0.7212	5.729
87.400	1.03	0.7182	73.9823	74.0563	1.3630	0.8494	1.2739	609.44	1.2788	2585.3	0.72	2.5754	1392.280
87.400	1.03	171.2212	218.3455	235.9813	3.2157	0.3404	0.5838	170.43	0.0587	72.6	17.22	0.7220	5.840

THERMODYNAMIC PROPERTIES OF SATURATED ARGON

TEMP. DEG.K	PRESS. BAR	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000
87.600	1.05	0.7189	74.2358	74.3111	1.3658	0.8421	1.2691	610.93	1.2754	2570.2	0.72	2.5578	1391.061
87.600	1.05	168.0038	218.4127	236.0531	3.2122	0.3407	0.5845	170.57	0.0588	72.8	16.90	0.7237	5.952
87.800	1.07	0.7195	74.4922	74.5692	1.3688	0.8351	1.2646	612.19	1.2719	2555.0	0.72	2.5404	1389.815
87.800	1.07	164.7962	218.4917	236.1249	3.2089	0.3409	0.5853	170.72	0.0590	72.9	16.61	0.7231	6.068
88.000	1.09	0.7201	74.7415	74.8200	1.3715	0.8281	1.2604	613.64	1.2685	2540.2	0.72	2.5240	1388.604
88.000	1.09	161.6045	218.5806	236.1955	3.2054	0.3414	0.5863	170.86	0.0592	73.1	16.32	0.7239	6.188
88.200	1.12	0.7208	74.9909	75.0716	1.3745	0.8211	1.2561	615.01	1.2651	2525.5	0.73	2.5076	1387.386
88.200	1.12	158.6346	218.4996	236.2666	3.2022	0.3417	0.5870	171.00	0.0593	73.3	16.03	0.7256	6.304
88.400	1.14	0.7214	75.2417	75.3239	1.3773	0.8146	1.2521	616.21	1.2616	2510.8	0.73	2.4919	1386.140
88.400	1.14	155.5783	218.6013	236.3372	3.1987	0.3422	0.5880	171.14	0.0595	73.4	15.74	0.7254	6.428
88.600	1.16	0.7221	75.4940	75.5777	1.3800	0.8081	1.2481	617.37	1.2582	2496.2	0.73	2.4762	1384.897
88.600	1.16	152.7306	218.6903	236.4071	3.1954	0.3424	0.5888	171.28	0.0597	73.6	15.49	0.7258	6.547
88.800	1.19	0.7227	75.7393	75.8253	1.3828	0.8015	1.2444	618.72	1.2549	2482.0	0.73	2.4612	1383.691
88.800	1.19	149.8965	218.6396	236.4772	3.1921	0.3427	0.5898	171.42	0.0598	73.8	15.20	0.7278	6.671
89.000	1.21	0.7234	75.9884	76.0759	1.3856	0.7955	1.2406	619.88	1.2515	2467.7	0.73	2.4462	1382.449
89.000	1.21	147.0772	218.7502	236.5465	3.1889	0.3432	0.5908	171.56	0.0600	73.9	14.94	0.7278	6.799
89.200	1.24	0.7240	76.2352	76.3250	1.3886	0.7893	1.2371	620.94	1.2482	2453.5	0.73	2.4317	1381.202
89.200	1.24	144.3630	218.7148	236.6156	3.1856	0.3434	0.5915	171.70	0.0602	74.1	14.69	0.7281	6.927
89.400	1.26	0.7247	76.4817	76.5730	1.3913	0.7833	1.2336	622.11	1.2449	2439.5	0.73	2.4174	1379.972
89.400	1.26	141.7471	218.8235	236.6837	3.1824	0.3437	0.5925	171.84	0.0604	74.3	14.45	0.7289	7.055
89.600	1.29	0.7253	76.7271	76.8206	1.3941	0.7775	1.2303	623.13	1.2416	2425.5	0.73	2.4035	1378.729
89.600	1.29	139.1470	218.8020	236.7520	3.1791	0.3442	0.5935	171.97	0.0605	74.5	14.18	0.7309	7.187
89.800	1.31	0.7260	76.9713	77.0664	1.3966	0.7718	1.2273	624.15	1.2383	2411.7	0.73	2.3904	1377.479
89.800	1.31	136.6405	218.9197	236.8196	3.1759	0.3444	0.5943	172.11	0.0607	74.6	13.96	0.7304	7.318
90.000	1.34	0.7266	77.2151	77.3125	1.3993	0.7660	1.2241	625.18	1.2350	2398.1	0.73	2.3769	1376.245
90.000	1.34	134.1508	218.9112	236.8874	3.1726	0.3449	0.5953	172.24	0.0609	74.8	13.72	0.7311	7.454
90.200	1.37	0.7273	77.4597	77.5593	1.4021	0.7607	1.2213	626.17	1.2317	2384.5	0.73	2.3644	1374.998
90.200	1.37	131.7502	218.9045	236.9543	3.1694	0.3452	0.5963	172.38	0.0611	75.0	13.50	0.7319	7.590
90.400	1.39	0.7279	77.7055	77.8066	1.4048	0.7552	1.2186	627.07	1.2285	2371.0	0.73	2.3519	1373.752
90.400	1.39	129.3672	219.0391	237.0211	3.1661	0.3454	0.5973	172.51	0.0612	75.1	13.26	0.7329	7.730
90.600	1.42	0.7286	77.9455	78.0490	1.4076	0.7502	1.2158	627.92	1.2253	2357.6	0.73	2.3394	1372.493
90.600	1.42	127.0687	219.0432	237.0870	3.1629	0.3459	0.5983	172.64	0.0614	75.3	13.04	0.7337	7.870
90.800	1.45	0.7293	78.1870	78.2928	1.4101	0.7450	1.2131	628.80	1.2220	2344.4	0.73	2.3273	1371.243
90.800	1.45	124.7884	219.0592	237.1535	3.1599	0.3462	0.5993	172.78	0.0616	75.5	12.83	0.7345	8.014
91.000	1.48	0.7299	78.4286	78.5366	1.4128	0.7400	1.2106	629.62	1.2188	2331.2	0.73	2.3155	1369.989
91.000	1.48	122.5884	219.0755	237.2186	3.1566	0.3467	0.6000	172.91	0.0618	75.6	12.63	0.7340	8.157

THERMODYNAMIC PROPERTIES OF SATURATED ARGON

TEMP. DEG.K	PRESS. BAR	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000
91.200	1.51	0.7306	78.6691	78.7794	1.4153	0.7350	1.2083	630.45	1.2157	2318.2	0.74	2.3041	1368.738
91.200	1.51	120.4646	219.0936	237.2837	3.1536	0.3470	0.6010	173.04	0.0619	75.8	12.41	0.7360	8.301
91.400	1.54	0.7313	78.9106	79.0232	1.4181	0.7302	1.2061	631.25	1.2125	2305.3	0.74	2.2931	1367.484
91.400	1.54	118.3572	219.1218	237.3488	3.1503	0.3475	0.6020	173.17	0.0621	76.0	12.21	0.7368	8.449
91.600	1.56	0.7319	79.1496	79.2638	1.4206	0.7254	1.2038	631.98	1.2093	2292.5	0.74	2.2821	1366.222
91.600	1.56	116.2682	219.2743	237.4121	3.1473	0.3477	0.6033	173.30	0.0623	76.2	12.01	0.7379	8.601
91.800	1.60	0.7326	79.3896	79.5069	1.4234	0.7209	1.2016	632.72	1.2062	2279.7	0.74	2.2709	1364.963
91.800	1.59	114.2517	219.3110	237.4770	3.1443	0.3482	0.6043	173.42	0.0625	76.3	11.82	0.7377	8.753
92.000	1.63	0.7333	79.6289	79.7484	1.4259	0.7164	1.1996	633.33	1.2030	2267.0	0.74	2.2605	1363.689
92.000	1.63	112.3039	219.2350	237.5405	3.1411	0.3485	0.6053	173.55	0.0627	76.5	11.63	0.7385	8.904
92.200	1.66	0.7340	79.8679	79.9897	1.4286	0.7119	1.1978	633.98	1.1999	2254.5	0.74	2.2506	1362.423
92.200	1.66	110.3728	219.2810	237.6029	3.1381	0.3487	0.6063	173.68	0.0628	76.7	11.43	0.7405	9.060
92.400	1.69	0.7347	80.1059	80.2306	1.4311	0.7077	1.1958	634.60	1.1968	2242.1	0.74	2.2402	1361.156
92.400	1.69	108.4599	219.3362	237.6660	3.1351	0.3492	0.6073	173.81	0.0630	76.8	11.25	0.7403	9.220
92.600	1.72	0.7354	80.3444	80.4709	1.4336	0.7034	1.1941	635.22	1.1937	2229.7	0.74	2.2304	1359.890
92.600	1.72	106.6122	219.3907	237.7288	3.1321	0.3495	0.6083	173.93	0.0632	77.0	11.08	0.7411	9.380
92.800	1.75	0.7360	80.5806	80.7094	1.4361	0.6992	1.1923	635.80	1.1906	2217.5	0.73	2.2207	1358.624
92.800	1.75	104.8264	219.4455	237.7901	3.1291	0.3500	0.6093	174.06	0.0634	77.2	10.91	0.7419	9.540
93.000	1.79	0.7367	80.8161	80.9480	1.4389	0.6952	1.1908	636.35	1.1876	2205.4	0.73	2.2113	1357.349
93.000	1.79	103.0146	219.4118	237.8515	3.1261	0.3502	0.6105	174.18	0.0636	77.4	10.73	0.7430	9.707
93.200	1.82	0.7374	81.0558	81.1900	1.4414	0.6911	1.1893	636.82	1.1845	2193.3	0.73	2.2022	1356.071
93.200	1.82	101.3053	219.4752	237.9128	3.1231	0.3507	0.6115	174.30	0.0638	77.5	10.57	0.7429	9.871
93.400	1.85	0.7381	81.2903	81.4269	1.4439	0.6874	1.1878	637.34	1.1815	2181.4	0.73	2.1930	1354.801
93.400	1.85	99.6122	219.5451	237.9733	3.1201	0.3510	0.6125	174.43	0.0639	77.7	10.39	0.7448	10.039
93.600	1.89	0.7388	81.5273	81.6669	1.4464	0.6834	1.1865	637.75	1.1784	2169.4	0.73	2.1844	1353.510
93.600	1.89	97.9364	219.5232	238.0332	3.1171	0.3515	0.6138	174.55	0.0641	77.9	10.23	0.7459	10.211
93.800	1.92	0.7395	81.7617	81.9037	1.4489	0.6796	1.1853	638.19	1.1754	2157.7	0.73	2.1759	1352.232
93.800	1.92	96.3161	219.6003	238.0930	3.1140	0.3520	0.6148	174.67	0.0643	78.0	10.07	0.7458	10.382
94.000	1.96	0.7402	81.9985	82.1435	1.4514	0.6761	1.1840	638.58	1.1724	2146.0	0.73	2.1673	1350.946
94.000	1.96	94.7126	219.5889	238.1526	3.1110	0.3522	0.6158	174.79	0.0645	78.2	9.92	0.7466	10.558
95.000	2.14	0.7438	83.1724	83.3316	1.4639	0.6589	1.1788	640.24	1.1575	2088.8	0.73	2.1272	1344.498
95.000	2.14	87.2214	219.7778	238.4432	3.0965	0.3542	0.6216	175.37	0.0655	79.1	9.19	0.7506	11.465
96.000	2.33	0.7474	84.3420	84.5161	1.4762	0.6433	1.1753	641.13	1.1428	2033.5	0.73	2.0913	1337.966
96.000	2.33	80.4646	219.9733	238.7216	3.0825	0.3562	0.6276	175.94	0.0664	80.0	8.51	0.7561	12.428
97.000	2.54	0.7511	85.5089	85.6997	1.4882	0.6291	1.1730	641.50	1.1284	1980.1	0.72	2.0584	1331.383
97.000	2.54	74.3688	220.1000	238.9897	3.0685	0.3582	0.6338	176.49	0.0674	80.9	7.91	0.7608	13.446

THERMODYNAMIC PROPERTIES OF SATURATED ARGON

TEMP. DEG.K	PRESS. BAR	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000
98.000	2.77	0.7549	88.6693	88.8784	1.5002	0.6163	1.1718	641.34	1.1142	1928.7	0.72	2.0284	1324.744
98.000	2.77	68.8274	220.1808	239.2460	3.0547	0.3602	0.6401	177.02	0.0684	81.8	7.35	0.7655	14.529
99.000	3.00	0.7587	87.8319	88.0595	1.5120	0.6045	1.1718	640.65	1.1003	1878.9	0.71	2.0009	1318.032
99.000	3.00	63.7934	220.3518	239.4898	3.0415	0.3622	0.6468	177.52	0.0695	82.7	6.85	0.7697	15.676
100.000	3.25	0.7626	88.9934	89.2413	1.5237	0.5940	1.1725	639.44	1.0865	1830.8	0.71	1.9758	1311.253
100.000	3.25	59.2068	220.4787	239.7209	3.0282	0.3645	0.6539	178.01	0.0705	83.6	6.38	0.7753	16.890
101.000	3.52	0.7666	90.1552	90.4250	1.5352	0.5843	1.1743	637.82	1.0729	1784.2	0.70	1.9528	1304.414
101.000	3.52	55.0408	220.5856	239.9399	3.0154	0.3665	0.6614	178.48	0.0716	84.5	5.96	0.7805	18.168
102.000	3.80	0.7707	91.3165	91.6093	1.5468	0.5752	1.1768	636.78	1.0594	1739.1	0.69	1.9318	1297.507
102.000	3.80	51.2227	220.6808	240.1454	3.0027	0.3687	0.6689	178.93	0.0727	85.4	5.57	0.7857	19.523
103.000	4.10	0.7749	92.4809	92.7988	1.5580	0.5670	1.1800	633.34	1.0461	1695.4	0.69	1.9125	1290.528
103.000	4.10	47.7447	220.7624	240.3377	2.9901	0.3710	0.6769	179.35	0.0739	86.4	5.21	0.7914	20.945
104.000	4.41	0.7791	93.6473	93.9909	1.5693	0.5595	1.1840	630.49	1.0330	1653.0	0.68	1.8947	1283.473
104.000	4.41	44.5498	220.8689	240.5154	2.9779	0.3732	0.6851	179.75	0.0750	87.3	4.88	0.7975	22.447
105.000	4.74	0.7835	94.8156	95.1870	1.5806	0.5525	1.1883	627.35	1.0200	1612.6	0.67	1.8780	1276.363
105.000	4.74	41.6169	220.9522	240.6786	2.9659	0.3755	0.6939	180.14	0.0762	88.3	4.57	0.8041	24.029
106.000	5.09	0.7879	95.9878	96.3888	1.5916	0.5460	1.1933	623.86	1.0072	1572.2	0.67	1.8627	1269.168
106.000	5.09	38.9188	221.0172	240.8268	2.9538	0.3777	0.7032	180.50	0.0774	89.3	4.28	0.8113	25.695
107.000	5.46	0.7925	97.1634	97.5961	1.6026	0.5402	1.1988	620.00	0.9945	1533.5	0.66	1.8485	1261.897
107.000	5.46	36.4375	221.0644	240.9592	2.9421	0.3802	0.7127	180.84	0.0787	90.3	4.02	0.8177	27.444
108.000	5.85	0.7971	98.3424	98.8087	1.6136	0.5344	1.2051	615.90	0.9819	1495.9	0.65	1.8359	1254.555
108.000	5.85	34.1508	221.0984	241.0766	2.9306	0.3825	0.7227	181.16	0.0799	91.3	3.78	0.8258	29.282
109.000	6.25	0.8018	99.5251	100.0263	1.6246	0.5294	1.2116	611.50	0.9694	1459.5	0.64	1.8241	1247.141
109.000	6.25	32.0355	221.1546	241.1768	2.9190	0.3850	0.7332	181.46	0.0812	92.3	3.55	0.8334	31.215
110.000	6.68	0.8067	100.7148	101.2538	1.6356	0.5247	1.2188	606.77	0.9569	1423.9	0.63	1.8137	1239.618
110.000	6.68	30.0800	221.1662	241.2596	2.9078	0.3875	0.7445	181.74	0.0826	93.3	3.34	0.8409	33.245
111.000	7.12	0.8117	101.9081	102.4860	1.6464	0.5202	1.2263	601.82	0.9446	1389.4	0.63	1.8038	1232.040
111.000	7.12	28.2694	221.1966	241.3244	2.8965	0.3900	0.7562	181.99	0.0839	94.4	3.14	0.8509	35.374
112.000	7.59	0.8168	103.1082	103.7281	1.6572	0.5162	1.2346	596.56	0.9324	1355.7	0.62	1.7951	1224.354
112.000	7.59	26.5879	221.1908	241.3710	2.8855	0.3925	0.7685	182.22	0.0854	95.4	2.95	0.8585	37.611
113.000	8.08	0.8220	104.3113	104.9755	1.6679	0.5122	1.2434	591.10	0.9203	1323.6	0.61	1.7874	1216.600
113.000	8.08	25.0275	221.1758	241.3981	2.8745	0.3953	0.7815	182.43	0.0868	96.5	2.78	0.8669	39.956
114.000	8.59	0.8273	105.5227	106.2334	1.6787	0.5087	1.2529	585.38	0.9082	1291.1	0.60	1.7811	1209.747
114.000	8.59	23.5756	221.1539	241.4053	2.8637	0.3978	0.7953	182.61	0.0883	97.6	2.62	0.8790	42.417
115.000	9.13	0.8328	106.7417	107.5020	1.6892	0.5054	1.2631	579.35	0.8962	1260.0	0.59	1.7759	1200.777
115.000	9.13	22.2235	221.1020	241.3920	2.8530	0.4005	0.8098	182.78	0.0898	98.7	2.46	0.8901	44.997

THERMODYNAMIC PROPERTIES OF SATURATED ARGON

TEMP. DEG.K	PRESS. BAR	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000
116.000	9.68	0.8384	107.9676	108.7792	1.7000	0.5022	1.2739	573.14	0.8842	1229.7	0.58	1.7717	1192.728
116.000	9.68	20.9635	221.0630	241.3557	2.8422	0.4033	0.8253	182.92	0.0914	99.9	2.32	0.9021	47.702
117.000	10.26	0.8442	109.1994	110.0656	1.7105	0.4994	1.2857	568.66	0.8723	1200.0	0.57	1.7687	1184.558
117.000	10.26	19.7870	220.9975	241.2989	2.8314	0.4060	0.8418	183.04	0.0930	101.0	2.19	0.9143	50.538
118.000	10.87	0.8501	110.4387	111.3628	1.7212	0.4969	1.2982	559.97	0.8604	1171.1	0.56	1.7670	1176.293
118.000	10.87	18.6866	220.9053	241.2176	2.8209	0.4088	0.8591	183.13	0.0947	102.2	2.06	0.9272	53.514
119.000	11.50	0.8562	111.6890	112.6737	1.7318	0.4944	1.3115	553.01	0.8486	1142.8	0.55	1.7661	1167.896
119.000	11.50	17.6572	220.8049	241.1107	2.8104	0.4118	0.8779	183.20	0.0964	103.4	1.94	0.9416	56.634
120.000	12.16	0.8625	112.9476	113.9964	1.7423	0.4921	1.3260	545.85	0.8368	1115.1	0.54	1.7670	1159.379
120.000	12.16	16.6928	220.8805	240.9790	2.7996	0.4148	0.8979	183.25	0.0982	104.7	1.83	0.9574	59.906
121.000	12.84	0.8690	114.2161	115.3389	1.7530	0.4904	1.3415	538.40	0.8250	1088.0	0.53	1.7691	1150.726
121.000	12.84	15.7874	220.5487	240.8198	2.7891	0.4178	0.9192	183.27	0.1000	106.0	1.72	0.9743	63.342
122.000	13.55	0.8757	115.4939	116.6864	1.7635	0.4886	1.3583	530.76	0.8132	1061.5	0.52	1.7730	1141.946
122.000	13.55	14.9377	220.3915	240.6320	2.7786	0.4208	0.9422	183.27	0.1019	107.3	1.62	0.9922	66.945
123.000	14.29	0.8826	116.7848	118.0452	1.7741	0.4871	1.3765	522.85	0.8014	1035.5	0.51	1.7786	1132.997
123.000	14.29	14.1387	220.2108	240.4158	2.7681	0.4241	0.9670	183.24	0.1039	108.6	1.52	1.0108	70.728
124.000	15.05	0.8898	118.0864	119.4255	1.7848	0.4858	1.3961	514.71	0.7896	1009.9	0.50	1.7856	1123.893
124.000	15.05	13.3864	220.0199	240.1665	2.7576	0.4273	0.9935	183.20	0.1060	110.0	1.43	1.0310	74.703
125.000	15.85	0.8972	119.4003	120.8223	1.7953	0.4846	1.4173	506.36	0.7777	984.8	0.49	1.7948	1114.625
125.000	15.85	12.6773	219.7921	239.8858	2.7471	0.4308	1.0228	183.13	0.1081	111.4	1.34	1.0538	78.881
126.000	16.67	0.9048	120.7303	122.2387	1.8061	0.4836	1.4406	497.74	0.7659	960.2	0.48	1.8061	1105.169
126.000	16.67	12.0089	219.5493	239.5682	2.7366	0.4341	1.0539	183.03	0.1104	112.8	1.26	1.0768	83.272
127.000	17.53	0.9128	122.0739	123.6746	1.8169	0.4831	1.4659	488.89	0.7540	935.9	0.47	1.8196	1095.514
127.000	17.53	11.3769	219.2711	239.2147	2.7258	0.4378	1.0882	182.92	0.1128	114.3	1.18	1.1026	87.898
128.000	18.41	0.9211	123.4344	125.1302	1.8276	0.4826	1.4937	479.79	0.7420	912.0	0.46	1.8359	1085.651
128.000	18.41	10.7797	218.9768	238.8222	2.7150	0.4413	1.1255	182.78	0.1153	115.9	1.10	1.1313	92.767
129.000	19.33	0.9298	124.8116	126.6088	1.8384	0.4824	1.5240	470.46	0.7301	888.4	0.45	1.8544	1075.552
129.000	19.33	10.2144	218.6426	238.3871	2.7043	0.4451	1.1665	182.61	0.1180	117.5	1.03	1.1616	97.901
130.000	20.27	0.9388	126.2089	128.1118	1.8494	0.4824	1.5575	460.89	0.7180	865.2	0.43	1.8768	1065.218
130.000	20.27	9.6789	218.2896	237.9088	2.6933	0.4491	1.2118	182.43	0.1208	119.2	0.96	1.1958	103.318
131.000	21.26	0.9482	127.6261	129.6420	1.8604	0.4826	1.5946	451.05	0.7059	842.1	0.42	1.9022	1054.591
131.000	21.26	9.1704	217.8860	237.3823	2.6820	0.4531	1.2619	182.22	0.1239	120.9	0.90	1.2313	109.046
132.000	22.27	0.9581	129.0658	131.1996	1.8714	0.4831	1.6354	440.98	0.6938	819.3	0.41	1.9312	1043.682
132.000	22.27	8.6876	217.4577	236.8051	2.6707	0.4573	1.3175	181.99	0.1271	122.7	0.84	1.2719	115.108
133.000	23.32	0.9686	130.5302	132.7889	1.8827	0.4839	1.6809	430.67	0.6816	796.8	0.39	1.9650	1032.452
133.000	23.32	8.2284	216.9858	236.1745	2.6592	0.4619	1.3798	181.75	0.1307	124.7	0.78	1.3165	121.530

THERMODYNAMIC PROPERTIES OF SATURATED ARGON

TEMP. DEG.K	PRESS. BAR	VOLUME CC/G	INTERNAL ENERGY J/G	ENTHALPY J/G	ENTROPY J/G-K	CV J/G-K	CP J/G-K	VELOCITY OF SOUND M/S	THERMAL COND. W/CM-K X 1000	VISCOSITY G/CM-S X 1E06	THERMAL DIFFUSIVITY SQ-CM/S X 1000	PRANDTL NUMBER	DENSITY G/CC X 1000
134.000	24.41	0.9796	132.0221	134.4132	1.8942	0.4851	1.7323	420.07	0.6694	774.4	0.38	2.0040	1020.851
134.000	24.41	7.7913	216.4654	235.4839	2.6477	0.4664	1.4499	181.48	0.1345	126.7	0.72	1.3658	128.349
135.000	25.53	0.9912	133.5426	136.0731	1.9057	0.4864	1.7896	409.24	0.6571	752.1	0.36	2.0483	1008.879
135.000	25.53	7.3744	215.9032	234.7301	2.6357	0.4714	1.5295	181.20	0.1387	128.8	0.67	1.4203	135.604
136.000	26.68	1.0035	135.0972	137.7746	1.9172	0.4881	1.8547	398.15	0.6449	730.0	0.35	2.0994	996.475
136.000	26.68	6.9765	215.2937	233.9071	2.6234	0.4764	1.6201	180.90	0.1433	131.0	0.62	1.4810	143.337
137.000	27.88	1.0167	136.6885	139.5231	1.9293	0.4901	1.9293	386.77	0.6327	707.8	0.33	2.1583	983.568
137.000	27.88	6.5960	214.6182	233.0079	2.6109	0.4816	1.7245	180.58	0.1484	133.4	0.57	1.5502	151.607
138.000	29.11	1.0308	138.3198	141.3205	1.9415	0.4926	2.0154	375.12	0.6206	685.7	0.32	2.2268	970.133
138.000	29.11	6.2315	213.8857	232.0256	2.5981	0.4871	1.8456	180.25	0.1542	135.9	0.52	1.6266	160.475
139.000	30.39	1.0459	139.9963	143.1749	1.9538	0.4954	2.1155	363.20	0.6086	663.5	0.30	2.3063	956.084
139.000	30.39	5.8818	213.0748	230.9497	2.5849	0.4931	1.9886	179.90	0.1607	138.6	0.48	1.7151	170.015
140.000	31.70	1.0623	141.7258	145.0934	1.9666	0.4989	2.2337	350.99	0.5968	641.3	0.28	2.4002	941.343
140.000	31.70	5.5457	212.1910	229.7707	2.5708	0.4996	2.1586	179.55	0.1681	141.5	0.43	1.8170	180.321
141.000	33.06	1.0801	143.5145	147.0854	1.9798	0.5027	2.3753	338.47	0.5852	618.8	0.27	2.5117	925.807
141.000	33.06	5.2217	211.2109	228.4740	2.5566	0.5064	2.3646	179.18	0.1766	144.7	0.39	1.9375	191.507
142.000	34.46	1.0997	145.3741	149.1637	1.9933	0.5072	2.5486	325.62	0.5739	596.1	0.25	2.6471	909.332
142.000	34.46	4.9087	210.1284	227.0439	2.5413	0.5137	2.6192	178.81	0.1864	148.2	0.35	2.0824	203.719
143.000	35.91	1.1214	147.3153	151.3422	2.0076	0.5122	2.7648	312.42	0.5630	573.0	0.23	2.8140	891.747
143.000	35.91	4.6051	208.9186	225.4556	2.5253	0.5217	2.9418	178.42	0.1980	152.1	0.31	2.2599	217.149
144.000	37.40	1.1457	149.3553	153.6402	2.0224	0.5179	3.0437	298.85	0.5526	549.5	0.21	3.0268	872.836
144.000	37.40	4.3093	207.5628	223.6793	2.5083	0.5302	3.3634	178.03	0.2118	156.5	0.27	2.4852	232.058
145.000	38.94	1.1734	151.5204	156.0894	2.0381	0.5249	3.4174	284.85	0.5428	525.1	0.19	3.3060	852.259
145.000	38.94	4.0192	206.0226	221.6732	2.4900	0.5397	3.9376	177.64	0.2286	161.4	0.23	2.7801	248.808
146.000	40.53	1.2055	153.8450	158.7308	2.0549	0.5329	3.9444	270.36	0.5338	499.8	0.16	3.6931	829.544
146.000	40.53	3.7319	204.2447	219.3699	2.4700	0.5505	4.7679	177.23	0.2494	167.3	0.20	3.1984	267.963
147.000	42.17	1.2439	156.3869	161.6324	2.0734	0.5425	4.7469	255.28	0.5260	473.0	0.14	4.2686	803.926
147.000	42.17	3.4433	202.1449	216.6654	2.4474	0.5625	6.0741	176.80	0.2765	174.3	0.16	3.8290	290.418
148.000	43.86	1.2919	159.2490	164.9151	2.0942	0.5540	6.1162	239.46	0.5207	443.9	0.11	5.2141	774.072
148.000	43.86	3.1461	199.5638	213.3626	2.4214	0.5765	8.4360	176.36	0.3142	183.1	0.12	4.9161	317.854
149.000	45.62	1.3562	162.6322	168.8192	2.1190	0.5690	8.9396	222.69	0.5213	411.0	0.08	7.0481	737.356
149.000	45.62	2.8243	196.1422	209.0267	2.3886	0.5935	13.9959	175.88	0.3754	195.5	0.08	7.2888	354.067
150.000	47.43	1.4564	167.1036	174.0112	2.1520	0.5890	17.6377	204.47	0.5439	370.1	0.04	12.0017	686.638
150.000	47.43	2.4165	190.5200	201.9816	2.3383	0.6171	44.6428	175.39	0.4692	217.9	0.03	20.7324	413.817