

## 0.04 ATMOSPHERE ISOBAR

TEMP. K	DENSITY MOL/LITER	ENTHALPY J/MOL	INTERNAL ENERGY J/MOL	ENTROPY J/MOL-K	TEMP. K	DENSITY MOL/LITER	ENTHALPY J/MOL	INTERNAL ENERGY J/MOL	ENTROPY J/MOL-K
					91	0.0053631	9579.9	8824.2	156.79
					92	0.0053046	9600.8	8836.7	157.02
					93	0.0052474	9621.6	8849.2	157.25
					94	0.0051914	9642.4	8861.7	157.47
					95	0.0051366	9663.2	8874.1	157.69
					96	0.0050830	9684.0	8886.6	157.91
					97	0.0050304	9704.8	8899.1	158.12
					98	0.0049790	9725.7	8911.6	158.34
					99	0.0049286	9746.5	8924.1	158.55
					100	0.0048792	9767.3	8936.6	158.76
					101	0.0048307	9788.1	8949.1	158.96
					102	0.0047833	9808.9	8961.6	159.17
					103	0.0047367	9829.7	8974.1	159.37
					104	0.0046911	9850.6	8986.5	159.57
					105	0.0046463	9871.4	8999.0	159.77
					106	0.0046024	9892.2	9011.5	159.97
					107	0.0045593	9913.0	9024.0	160.16
					108	0.0045170	9933.8	9036.5	160.36
					109	0.0044755	9954.6	9049.0	160.55
					110	0.0044347	9975.4	9061.5	160.74
					111	0.0043947	9996.2	9074.0	160.93
					112	0.0043554	10017.0	9086.4	161.12
					113	0.0043167	10037.9	9098.9	161.30
					114	0.0042788	10058.7	9111.4	161.48
					115	0.0042415	10079.5	9123.9	161.67
					116	0.0042049	10100.3	9136.4	161.85
					117	0.0041689	10121.1	9148.9	162.02
					118	0.0041335	10141.9	9161.4	162.20
					119	0.0040988	10162.7	9173.8	162.38
					120	0.0040645	10183.5	9186.3	162.55
					121	0.0040309	10204.3	9198.8	162.72
					122	0.0039978	10225.1	9211.3	162.89
					123	0.0039653	10245.9	9223.8	163.06
					124	0.0039332	10266.7	9236.3	163.23
					125	0.0039017	10287.5	9248.7	163.40
					126	0.0038707	10308.3	9261.2	163.57
					127	0.0038402	10329.1	9273.7	163.73
					128	0.0038102	10349.9	9286.2	163.89
					129	0.0037806	10370.8	9298.7	164.06
					130	0.0037515	10391.6	9311.2	164.22
					131	0.0037228	10412.4	9323.6	164.38
					132	0.0036946	10433.2	9336.1	164.53
					133	0.0036668	10454.0	9348.6	164.69
					134	0.0036394	10474.8	9361.1	164.85
					135	0.0036124	10495.6	9373.6	165.00
					136	0.0035858	10516.4	9386.0	165.15
					137	0.0035596	10537.2	9398.5	165.31
					138	0.0035338	10558.0	9411.0	165.46
					139	0.0035083	10578.8	9423.5	165.61
					140	0.0034832	10599.6	9436.0	165.76
					141	0.0034585	10620.4	9448.4	165.91
					142	0.0034341	10641.2	9460.9	166.05
					143	0.0034101	10662.0	9473.4	166.20
					144	0.0033864	10682.8	9485.9	166.34
					145	0.0033630	10703.6	9498.4	166.49
					146	0.0033400	10724.4	9510.8	166.63
					147	0.0033172	10745.2	9523.3	166.77
					148	0.0032948	10766.0	9535.8	166.91
					149	0.0032727	10786.8	9548.3	167.05
					150	0.0032508	10807.6	9560.8	167.19
					151	0.0032293	10828.3	9573.2	167.33
					152	0.0032080	10849.1	9585.7	167.47
					153	0.0031870	10869.9	9598.2	167.60
					154	0.0031663	10890.7	9610.7	167.74
					155	0.0031459	10911.5	9623.1	167.87
					156	0.0031257	10932.3	9635.6	168.01
					157	0.0031058	10953.1	9648.1	168.14
					158	0.0030861	10973.9	9660.6	168.27
					159	0.0030667	10994.7	9673.1	168.40
					160	0.0030475	11015.5	9685.5	168.53
86	0.0056759	9475.8	8761.7	155.62					
87	0.0056105	9496.6	8774.2	155.86					
88	0.0055465	9517.5	8786.7	156.10					
89	0.0054840	9538.3	8799.2	156.33					
90	0.0054228	9559.1	8811.7	156.56					

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161	0.0030286	11036.3	9698.0	168.66	231	0.0021105	12491.7	10571.3	176.17
162	0.0030098	11057.1	9710.5	168.79	232	0.0021014	12512.5	10583.7	176.26
163	0.0029914	11077.9	9723.0	168.92	233	0.0020924	12533.3	10596.2	176.35
164	0.0029731	11098.7	9735.4	169.05	234	0.0020834	12554.1	10608.7	176.44
165	0.0029551	11119.5	9747.9	169.17	235	0.0020745	12574.9	10621.2	176.53
166	0.0029373	11140.3	9760.4	169.30	236	0.0020658	12595.7	10633.6	176.62
167	0.0029197	11161.1	9772.9	169.43	237	0.0020570	12616.5	10646.1	176.70
168	0.0029023	11181.9	9785.3	169.55	238	0.0020484	12637.3	10658.6	176.79
169	0.0028851	11202.7	9797.8	169.67	239	0.0020398	12658.1	10671.1	176.88
170	0.0028681	11223.5	9810.3	169.80	240	0.0020313	12678.8	10683.5	176.97
171	0.0028513	11244.3	9822.8	169.92	241	0.0020229	12699.6	10696.0	177.05
172	0.0028347	11265.1	9835.3	170.04	242	0.0020145	12720.4	10708.5	177.14
173	0.0028184	11285.8	9847.7	170.16	243	0.0020062	12741.2	10721.0	177.22
174	0.0028021	11306.6	9860.2	170.28	244	0.0019980	12762.0	10733.4	177.31
175	0.0027861	11327.4	9872.7	170.40	245	0.0019899	12782.8	10745.9	177.39
176	0.0027703	11348.2	9885.2	170.52	246	0.0019818	12803.6	10758.4	177.48
177	0.0027546	11369.0	9897.6	170.63	247	0.0019737	12824.4	10770.8	177.56
178	0.0027391	11389.8	9910.1	170.75	248	0.0019658	12845.2	10783.3	177.65
179	0.0027238	11410.6	9922.6	170.87	249	0.0019579	12865.9	10795.8	177.73
180	0.0027087	11431.4	9935.1	170.98	250	0.0019501	12886.7	10808.3	177.81
181	0.0026937	11452.2	9947.5	171.10	251	0.0019423	12907.5	10820.7	177.90
182	0.0026789	11473.0	9960.0	171.21	252	0.0019346	12928.3	10833.2	177.98
183	0.0026643	11493.8	9972.5	171.33	253	0.0019269	12949.1	10845.7	178.06
184	0.0026498	11514.6	9985.0	171.44	254	0.0019193	12969.9	10858.2	178.14
185	0.0026355	11535.4	9997.4	171.55	255	0.0019118	12990.7	10870.6	178.23
186	0.0026213	11556.2	10009.9	171.67	256	0.0019043	13011.5	10883.1	178.31
187	0.0026073	11576.9	10022.4	171.78	257	0.0018969	13032.3	10895.6	178.39
188	0.0025934	11597.7	10034.9	171.89	258	0.0018896	13053.0	10908.1	178.47
189	0.0025797	11618.5	10047.3	172.00	259	0.0018823	13073.8	10920.5	178.55
190	0.0025661	11639.3	10059.8	172.11	260	0.0018750	13094.6	10933.0	178.63
191	0.0025526	11660.1	10072.3	172.22	261	0.0018678	13115.4	10945.5	178.71
192	0.0025393	11680.9	10084.8	172.33	262	0.0018607	13136.2	10957.9	178.79
193	0.0025262	11701.7	10097.2	172.43	263	0.0018536	13157.0	10970.4	178.87
194	0.0025131	11722.5	10109.7	172.54	264	0.0018466	13177.8	10982.9	178.95
195	0.0025002	11743.3	10122.2	172.65	265	0.0018397	13198.6	10995.4	179.03
196	0.0024875	11764.1	10134.7	172.75	266	0.0018327	13219.3	11007.8	179.10
197	0.0024749	11784.9	10147.1	172.86	267	0.0018259	13240.1	11020.3	179.18
198	0.0024623	11805.7	10159.6	172.97	268	0.0018191	13260.9	11032.8	179.26
199	0.0024500	11826.4	10172.1	173.07	269	0.0018123	13281.7	11045.3	179.34
200	0.0024377	11847.2	10184.6	173.17	270	0.0018056	13302.5	11057.7	179.41
201	0.0024256	11868.0	10197.0	173.28	271	0.0017989	13323.3	11070.2	179.49
202	0.0024136	11888.8	10209.5	173.38	272	0.0017923	13344.1	11082.7	179.57
203	0.0024017	11909.6	10222.0	173.48	273	0.0017857	13364.9	11095.1	179.64
204	0.0023899	11930.4	10234.5	173.59	274	0.0017792	13385.7	11107.6	179.72
205	0.0023782	11951.2	10246.9	173.69	275	0.0017727	13406.4	11120.1	179.80
206	0.0023667	11972.0	10259.4	173.79	276	0.0017663	13427.2	11132.6	179.87
207	0.0023553	11992.8	10271.9	173.89	277	0.0017599	13448.0	11145.0	179.95
208	0.0023439	12013.6	10284.4	173.99	278	0.0017536	13468.8	11157.5	180.02
209	0.0023327	12034.4	10296.8	174.09	279	0.0017473	13489.6	11170.0	180.10
210	0.0023216	12055.1	10309.3	174.19	280	0.0017411	13510.4	11182.5	180.17
211	0.0023106	12075.9	10321.8	174.29	281	0.0017349	13531.2	11194.9	180.24
212	0.0022997	12096.7	10334.3	174.39	282	0.0017287	13552.0	11207.4	180.32
213	0.0022889	12117.5	10346.7	174.48	283	0.0017226	13572.7	11219.9	180.39
214	0.0022782	12138.3	10359.2	174.58	284	0.0017166	13593.5	11232.3	180.46
215	0.0022676	12159.1	10371.7	174.68	285	0.0017105	13614.3	11244.8	180.54
216	0.0022571	12179.9	10384.2	174.77	286	0.0017046	13635.1	11257.3	180.61
217	0.0022467	12200.7	10396.6	174.87	287	0.0016986	13655.9	11269.8	180.68
218	0.0022364	12221.5	10409.1	174.97	288	0.0016927	13676.7	11282.2	180.76
219	0.0022262	12242.3	10421.6	175.06	289	0.0016869	13697.5	11294.7	180.83
220	0.0022160	12263.1	10434.1	175.16	290	0.0016810	13718.3	11307.2	180.90
221	0.0022060	12283.8	10446.5	175.25	291	0.0016753	13739.0	11319.7	180.97
222	0.0021961	12304.6	10459.0	175.34	292	0.0016695	13759.8	11332.1	181.04
223	0.0021862	12325.4	10471.5	175.44	293	0.0016638	13780.6	11344.6	181.11
224	0.0021765	12346.2	10484.0	175.53	294	0.0016582	13801.4	11357.1	181.18
225	0.0021668	12367.0	10496.4	175.62	295	0.0016525	13822.2	11369.5	181.25
226	0.0021572	12387.8	10508.9	175.72	296	0.0016470	13843.0	11382.0	181.32
227	0.0021477	12408.6	10521.4	175.81	297	0.0016414	13863.8	11394.5	181.40
228	0.0021383	12429.4	10533.8	175.90	298	0.0016359	13884.6	11407.0	181.46
229	0.0021289	12450.2	10546.3	175.99	299	0.0016304	13905.4	11419.4	181.53
230	0.0021197	12470.9	10558.8	176.08	300	0.0016250	13926.1	11431.9	181.60