

## 0.08 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	0.0107384	9577.6	8822.8	151.01
					92	0.0106209	9598.5	8835.3	151.24
					93	0.0105061	9619.3	8847.8	151.47
					94	0.0103937	9640.2	8860.3	151.69
					95	0.0102837	9661.1	8872.8	151.91
					96	0.0101760	9681.9	8885.3	152.13
					97	0.0100705	9702.8	8897.8	152.35
					98	0.0099672	9723.6	8910.3	152.56
					99	0.0098661	9744.5	8922.8	152.77
					100	0.0097669	9765.3	8935.3	152.98
					101	0.0096698	9786.1	8947.8	153.19
					102	0.0095745	9807.0	8960.3	153.39
					103	0.0094811	9827.8	8972.8	153.60
					104	0.0093896	9848.7	8985.4	153.80
					105	0.0092998	9869.5	8997.9	154.00
					106	0.0092117	9890.4	9010.4	154.20
					107	0.0091252	9911.2	9022.9	154.39
					108	0.0090404	9932.0	9035.4	154.58
					109	0.0089571	9952.9	9047.9	154.78
					110	0.0088754	9973.7	9060.4	154.97
					111	0.0087951	9994.5	9072.9	155.16
					112	0.0087163	10015.4	9085.4	155.34
					113	0.0086389	10036.2	9097.9	155.53
					114	0.0085629	10057.0	9110.4	155.71
					115	0.0084882	10077.9	9122.9	155.89
					116	0.0084148	10098.7	9135.4	156.07
					117	0.0083426	10119.5	9147.9	156.25
					118	0.0082717	10140.4	9160.4	156.43
					119	0.0082020	10161.2	9172.9	156.61
					120	0.0081334	10182.0	9185.4	156.78
					121	0.0080660	10202.8	9197.9	156.95
					122	0.0079997	10223.7	9210.4	157.12
					123	0.0079345	10244.5	9222.8	157.29
					124	0.0078703	10265.3	9235.3	157.46
					125	0.0078072	10286.1	9247.8	157.63
					126	0.0077450	10307.0	9260.3	157.80
					127	0.0076839	10327.8	9272.8	157.96
					128	0.0076237	10348.6	9285.3	158.12
					129	0.0075645	10369.4	9297.8	158.29
					130	0.0075061	10390.2	9310.3	158.45
					131	0.0074487	10411.1	9322.8	158.61
					132	0.0073921	10431.9	9335.3	158.76
					133	0.0073364	10452.7	9347.8	158.92
					134	0.0072816	10473.5	9360.3	159.08
					135	0.0072275	10494.3	9372.8	159.23
					136	0.0071742	10515.2	9385.2	159.39
					137	0.0071218	10536.0	9397.7	159.54
					138	0.0070701	10556.8	9410.2	159.69
					139	0.0070191	10577.6	9422.7	159.84
					140	0.0069688	10598.4	9435.2	159.99
					141	0.0069193	10619.2	9447.7	160.14
					142	0.0068705	10640.0	9460.2	160.28
					143	0.0068224	10660.9	9472.7	160.43
					144	0.0067749	10681.7	9485.2	160.58
					145	0.0067281	10702.5	9497.6	160.72
					146	0.0066819	10723.3	9510.1	160.86
					147	0.0066364	10744.1	9522.6	161.00
					148	0.0065915	10764.9	9535.1	161.15
					149	0.0065472	10785.7	9547.6	161.29
					150	0.0065034	10806.5	9560.1	161.43
					151	0.0064603	10827.3	9572.6	161.56
					152	0.0064177	10848.1	9585.0	161.70
					153	0.0063757	10869.0	9597.5	161.84
					154	0.0063343	10889.8	9610.0	161.97
					155	0.0062933	10910.6	9622.5	162.11
					156	0.0062529	10931.4	9635.0	162.24
					157	0.0062130	10952.2	9647.5	162.37
					158	0.0061737	10973.0	9660.0	162.51
					159	0.0061348	10993.8	9672.4	162.64
					160	0.0060964	11014.6	9684.9	162.77
86	0.0113669	9473.4	8760.2	149.84					
87	0.0112353	9494.2	8772.7	150.08					
88	0.0111068	9515.1	8785.2	150.32					
89	0.0109812	9535.9	8797.7	150.55					
90	0.0108584	9556.8	8810.2	150.78					

TEMP.	DENSITY	ENTHALPY	INTERNAL ENERGY	ENTROPY	TEMP.	DENSITY	ENTHALPY	INTERNAL ENERGY	ENTROPY
161	0.006585	11035.4	9697.4	162.90	231	0.004213	12491.3	10570.9	170.41
162	0.0060210	11056.2	9709.9	163.03	232	0.0042031	12512.1	10583.4	170.50
163	0.0059475	11077.0	9722.4	163.15	233	0.0041850	12532.8	10595.9	170.59
164	0.0058758	11139.4	9734.9	163.28	234	0.0041671	12553.6	10608.4	170.67
165	0.0058144	11186.6	9747.3	163.41	235	0.0041494	12574.4	10620.8	170.76
166	0.0057558	11339.4	9759.8	163.53	236	0.0041318	12595.2	10633.3	170.85
167	0.0056840	11602.2	9772.3	163.66	237	0.0041143	12616.0	10645.8	170.94
168	0.0056057	11811.0	9784.8	163.78	238	0.0040970	12636.8	10658.3	171.03
169	0.0055271	12201.8	9797.3	163.91	239	0.0040799	12657.6	10670.7	171.11
170	0.0054373	12222.6	9809.7	164.03	240	0.0040629	12678.4	10683.2	171.20
171	0.0057037	11243.4	9822.2	164.15	241	0.0040460	12699.2	10695.7	171.29
172	0.0056705	11264.2	9834.7	164.27	242	0.0040293	12720.0	10708.2	171.37
173	0.0056377	11285.0	9847.2	164.39	243	0.0040127	12740.8	10720.6	171.46
174	0.0056053	11305.8	9859.7	164.51	244	0.0039963	12761.6	10733.1	171.54
175	0.0055732	11326.6	9872.2	164.63	245	0.0039799	12782.4	10745.6	171.63
176	0.0055415	11347.4	9884.6	164.75	246	0.0039638	12803.1	10758.1	171.71
177	0.0055102	11368.3	9897.1	164.87	247	0.0039477	12823.9	10770.5	171.80
178	0.0054792	11389.1	9909.6	164.99	248	0.0039318	12844.7	10783.0	171.88
179	0.0054486	11409.9	9922.1	165.10	249	0.0039160	12865.5	10795.5	171.97
180	0.0054183	11430.7	9934.6	165.22	250	0.0039003	12886.3	10808.0	172.05
181	0.0053883	11451.5	9947.0	165.33	251	0.0038848	12907.1	10820.4	172.13
182	0.0053587	11472.3	9959.5	165.45	252	0.0038693	12927.9	10832.9	172.22
183	0.0053294	11493.1	9972.0	165.56	253	0.0038540	12948.7	10845.4	172.30
184	0.0053004	11513.9	9984.5	165.68	254	0.0038389	12969.5	10857.9	172.38
185	0.0052717	11534.7	9997.0	165.79	255	0.0038238	12990.3	10870.3	172.46
186	0.0052433	11555.5	10009.4	165.90	256	0.0038089	13011.1	10882.8	172.54
187	0.0052152	11576.2	10021.9	166.01	257	0.0037940	13031.9	10895.3	172.62
188	0.0051875	11597.0	10034.4	166.12	258	0.0037793	13052.6	10907.8	172.70
189	0.0051600	11617.8	10046.9	166.23	259	0.0037647	13073.4	10920.2	172.78
190	0.0051328	11638.6	10059.4	166.34	260	0.0037502	13094.2	10932.7	172.86
191	0.0051059	11659.4	10071.8	166.45	261	0.0037359	13115.0	10945.2	172.94
192	0.0050793	11680.2	10084.3	166.56	262	0.0037216	13135.8	10957.7	173.02
193	0.0050530	11701.0	10096.8	166.67	263	0.0037074	13156.6	10970.1	173.10
194	0.0050269	11721.8	10109.3	166.78	264	0.0036934	13177.4	10982.6	173.18
195	0.0050011	11742.6	10121.7	166.88	265	0.0036795	13198.2	10995.1	173.26
196	0.0049756	11763.4	10134.2	166.99	266	0.0036656	13219.0	11007.6	173.34
197	0.0049503	11784.2	10146.7	167.10	267	0.0036519	13239.8	11020.0	173.42
198	0.0049253	11805.0	10159.2	167.20	268	0.0036383	13260.6	11032.5	173.50
199	0.0049005	11825.8	10171.7	167.31	269	0.0036247	13281.3	11045.0	173.57
200	0.0048760	11846.6	10184.1	167.41	270	0.0036113	13302.1	11057.5	173.65
201	0.0048517	11867.4	10196.5	167.51	271	0.0035980	13322.9	11069.9	173.73
202	0.0048277	11888.2	10209.1	167.62	272	0.0035847	13343.7	11082.4	173.80
203	0.0048039	11909.0	10221.6	167.72	273	0.0035716	13364.5	11094.9	173.88
204	0.0047803	11929.8	10234.1	167.82	274	0.0035586	13385.3	11107.4	173.96
205	0.0047570	11950.6	10246.5	167.92	275	0.0035456	13406.1	11119.8	174.03
206	0.0047339	11971.4	10259.0	168.02	276	0.0035328	13426.9	11132.3	174.11
207	0.0047110	11992.2	10271.5	168.12	277	0.0035200	13447.7	11144.8	174.18
208	0.0046883	12013.0	10284.0	168.23	278	0.0035073	13468.5	11157.2	174.26
209	0.0046657	12033.8	10296.4	168.33	279	0.0034948	13489.3	11169.7	174.33
210	0.0046436	12054.6	10308.9	168.42	280	0.0034823	13510.0	11182.2	174.41
211	0.0046216	12075.4	10321.4	168.52	281	0.0034699	13530.8	11194.7	174.48
212	0.0045998	12096.2	10333.9	168.62	282	0.0034576	13551.6	11207.1	174.55
213	0.0045782	12117.0	10346.3	168.72	283	0.0034454	13572.4	11219.6	174.63
214	0.0045568	12137.8	10358.8	168.82	284	0.0034332	13593.2	11232.1	174.70
215	0.0045356	12158.6	10371.3	168.91	285	0.0034212	13614.0	11244.6	174.77
216	0.0045146	12179.3	10383.8	169.01	286	0.0034092	13634.8	11257.0	174.85
217	0.0044938	12200.1	10396.3	169.11	287	0.0033973	13655.6	11269.5	174.92
218	0.0044731	12220.9	10408.7	169.20	288	0.0033855	13676.4	11282.0	174.99
219	0.0044527	12241.7	10421.2	169.30	289	0.0033738	13697.2	11294.5	175.06
220	0.0044324	12262.5	10433.7	169.39	290	0.0033622	13717.9	11306.9	175.14
221	0.0044124	12283.3	10446.2	169.49	291	0.0033506	13738.7	11319.4	175.21
222	0.0043925	12304.1	10458.6	169.58	292	0.0033391	13759.5	11331.9	175.28
223	0.0043728	12324.9	10471.1	169.67	293	0.0033277	13780.3	11344.4	175.35
224	0.0043532	12345.7	10483.6	169.77	294	0.0033164	13801.1	11356.8	175.42
225	0.0043339	12366.5	10496.1	169.86	295	0.0033052	13821.9	11369.3	175.49
226	0.0043147	12387.3	10508.5	169.95	296	0.0032940	13842.7	11381.8	175.56
227	0.0042957	12408.1	10521.0	170.04	297	0.0032829	13863.5	11394.3	175.63
228	0.0042768	12428.9	10533.5	170.13	298	0.0032719	13884.3	11406.7	175.70
229	0.0042581	12449.7	10546.0	170.23	299	0.0032609	13905.1	11419.2	175.77
230	0.0042396	12470.5	10558.5	170.32	300	0.0032501	13925.8	11431.7	175.84

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TEMP. K      DENSITY MOL/LITER      ENTHALPY J/MOL      INTERNAL ENERGY J/MOL      ENTROPY J/MOL-K