

## 1000.00 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
* 107.135	37.6708		5740.1	3050.3					54.48
108	37.5936		5774.6	3079.3					54.80
109	37.5046		5814.4	3112.7					55.17
110	37.4158		5854.1	3146.0					55.53
111	37.3274		5893.7	3179.1					55.89
112	37.2392		5933.1	3212.2					56.24
113	37.1512		5972.5	3245.0					56.59
114	37.0636		6011.6	3277.7					56.94
115	36.9762		6050.6	3310.3					57.28
116	36.8891		6089.4	3342.6					57.61
117	36.8023		6128.1	3374.8					57.95
118	36.7158		6166.6	3406.8					58.27
119	36.6295		6204.9	3438.6					58.60
120	36.5435		6243.1	3470.3					58.92
121	36.4578		6281.1	3501.7					59.23
122	36.3724		6318.9	3533.0					59.54
123	36.2873		6356.5	3564.2					59.85
124	36.2024		6394.1	3595.1					60.15
125	36.1178		6431.4	3625.9					60.45
126	36.0334		6468.7	3656.6					60.75
127	35.9493		6505.8	3687.2					61.04
128	35.8655		6542.8	3717.6					61.34
129	35.7819		6579.8	3748.0					61.62
130	35.6986		6616.7	3778.3					61.91
131	35.6156		6653.6	3808.5					62.19
132	35.5328		6690.4	3838.8					62.47
133	35.4502		6727.4	3869.1					62.75
134	35.3679		6764.3	3899.4					63.03
135	35.2859		6801.4	3929.8					63.30
136	35.2041		6838.2	3959.9					63.57
137	35.1225		6874.7	3989.8					63.84
138	35.0412		6911.2	4019.5					64.11
139	34.9601		6947.5	4049.1					64.37
140	34.8792		6983.5	4078.4					64.63
141	34.7986		7019.3	4107.5					64.88
142	34.7182		7054.9	4136.3					65.13
143	34.6380		7090.4	4165.1					65.38
144	34.5581		7125.9	4193.8					65.63
145	34.4783		7161.3	4222.4					65.88
146	34.3988		7196.7	4251.0					66.12
147	34.3195		7232.1	4279.7					66.37
148	34.2405		7267.6	4308.3					66.61
149	34.1616		7302.9	4336.8					66.85
150	34.0830		7338.3	4365.3					67.09
151	34.0045		7374.0	4394.1					67.33
152	33.9263		7410.1	4423.4					67.57
153	33.8482		7446.2	4452.6					67.80
154	33.7704		7482.2	4481.7					68.04
155	33.6928		7518.2	4510.8					68.27
156	33.6154		7554.2	4539.9					68.50
157	33.5381		7590.2	4568.9					68.73
158	33.4611		7626.1	4597.9					68.96
159	33.3843		7662.0	4626.8					69.19
160	33.3076		7697.8	4655.6					69.41

\* PHASE CHANGE



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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
161	33.2312	7733.6	4684.4	69.64	231	28.3025	10146.9	6566.7	82.11
162	33.1549	7769.4	4713.2	69.86	232	28.2379	10180.1	6591.7	82.25
163	33.0788	7805.1	4741.9	70.08	233	28.1734	10213.2	6616.7	82.40
164	33.0029	7840.9	4770.6	70.29	234	28.1091	10246.3	6641.5	82.54
165	32.9272	7876.5	4799.2	70.51	235	28.0450	10279.4	6666.4	82.68
166	32.8517	7912.2	4827.8	70.73	236	27.9810	10312.4	6691.1	82.82
167	32.7764	7947.8	4856.3	70.94	237	27.9172	10345.4	6715.9	82.96
168	32.7012	7983.3	4884.7	71.15	238	27.8536	10378.4	6740.5	83.10
169	32.6262	8018.8	4913.1	71.36	239	27.7901	10411.3	6765.2	83.24
170	32.5514	8054.3	4941.5	71.57	240	27.7268	10444.3	6789.7	83.37
171	32.4768	8089.8	4969.8	71.78	241	27.6637	10477.1	6814.3	83.51
172	32.4024	8125.2	4998.0	71.99	242	27.6007	10510.0	6838.8	83.65
173	32.3281	8160.5	5026.2	72.19	243	27.5379	10542.8	6863.2	83.78
174	32.2540	8195.9	5054.3	72.40	244	27.4752	10575.5	6887.6	83.91
175	32.1801	8231.2	5082.4	72.60	245	27.4127	10608.3	6911.9	84.05
176	32.1063	8266.4	5110.4	72.80	246	27.3504	10641.0	6936.2	84.18
177	32.0327	8301.6	5138.4	73.00	247	27.2883	10673.6	6960.4	84.31
178	31.9593	8336.8	5166.3	73.20	248	27.2263	10706.3	6984.6	84.45
179	31.8861	8372.0	5194.2	73.39	249	27.1645	10738.9	7008.7	84.58
180	31.8130	8407.1	5222.0	73.59	250	27.1029	10771.4	7032.8	84.71
181	31.7401	8442.1	5249.7	73.78	251	27.0414	10804.0	7056.8	84.84
182	31.6674	8477.1	5277.4	73.98	252	26.9801	10836.5	7080.8	84.97
183	31.5948	8512.1	5305.0	74.17	253	26.9190	10868.9	7104.8	85.10
184	31.5224	8547.1	5332.6	74.36	254	26.8580	10901.4	7128.7	85.22
185	31.4502	8582.0	5360.1	74.55	255	26.7972	10933.8	7152.5	85.35
186	31.3782	8616.8	5387.6	74.74	256	26.7366	10966.1	7176.3	85.48
187	31.3063	8651.7	5415.0	74.92	257	26.6762	10998.5	7200.1	85.60
188	31.2345	8686.5	5442.4	75.11	258	26.6159	11030.8	7223.8	85.73
189	31.1629	8721.2	5469.7	75.29	259	26.5558	11063.1	7247.4	85.85
190	31.0915	8755.9	5496.9	75.48	260	26.4959	11095.3	7271.0	85.98
191	31.0203	8790.6	5524.1	75.66	261	26.4361	11127.5	7294.6	86.10
192	30.9492	8825.2	5551.2	75.84	262	26.3765	11159.7	7318.1	86.23
193	30.8783	8859.8	5578.3	76.02	263	26.3171	11191.8	7341.6	86.35
194	30.8075	8894.4	5605.3	76.20	264	26.2578	11223.9	7365.0	86.47
195	30.7369	8928.9	5632.3	76.37	265	26.1988	11256.0	7388.4	86.59
196	30.6665	8963.4	5659.2	76.55	266	26.1399	11288.1	7411.7	86.71
197	30.5962	8997.8	5686.0	76.73	267	26.0811	11320.1	7435.0	86.83
198	30.5261	9032.2	5712.8	76.90	268	26.0226	11352.1	7458.2	86.95
199	30.4562	9066.6	5739.6	77.07	269	25.9642	11384.0	7481.4	87.07
200	30.3864	9100.9	5766.3	77.25	270	25.9060	11415.9	7504.6	87.19
201	30.3167	9135.2	5792.9	77.42	271	25.8479	11447.8	7527.7	87.31
202	30.2473	9169.5	5819.5	77.59	272	25.7901	11479.7	7550.7	87.42
203	30.1780	9203.7	5846.0	77.76	273	25.7324	11511.5	7573.7	87.54
204	30.1088	9237.8	5872.5	77.92	274	25.6748	11543.3	7596.7	87.66
205	30.0398	9272.0	5898.9	78.09	275	25.6175	11575.0	7619.6	87.77
206	29.9710	9306.1	5925.2	78.26	276	25.5603	11606.7	7642.5	87.89
207	29.9023	9340.2	5951.5	78.42	277	25.5033	11638.4	7665.3	88.00
208	29.8338	9374.2	5977.8	78.59	278	25.4465	11670.1	7688.1	88.12
209	29.7655	9408.2	6004.0	78.75	279	25.3899	11701.7	7710.9	88.23
210	29.6973	9442.1	6030.1	78.91	280	25.3334	11733.3	7733.6	88.34
211	29.6293	9476.1	6056.2	79.07	281	25.2771	11764.9	7756.2	88.46
212	29.5614	9509.9	6082.2	79.23	282	25.2210	11796.4	7778.8	88.57
213	29.4937	9543.8	6108.2	79.39	283	25.1650	11827.9	7801.4	88.68
214	29.4261	9577.6	6134.1	79.55	284	25.1092	11859.4	7823.9	88.79
215	29.3587	9611.4	6160.0	79.71	285	25.0536	11890.8	7846.4	88.90
216	29.2915	9645.1	6185.8	79.86	286	24.9982	11922.2	7868.8	89.01
217	29.2245	9678.8	6211.6	80.02	287	24.9429	11953.6	7891.2	89.12
218	29.1576	9712.5	6237.3	80.17	288	24.8878	11985.0	7913.6	89.23
219	29.0908	9746.1	6262.9	80.33	289	24.8329	12016.3	7935.9	89.34
220	29.0242	9779.7	6288.6	80.48	290	24.7782	12047.6	7958.2	89.45
221	28.9578	9813.3	6314.1	80.63	291	24.7237	12078.8	7980.4	89.55
222	28.8916	9846.8	6339.6	80.78	292	24.6693	12110.0	8002.6	89.66
223	28.8255	9880.3	6365.0	80.93	293	24.6151	12141.2	8024.7	89.77
224	28.7595	9913.7	6390.4	81.08	294	24.5610	12172.4	8046.8	89.87
225	28.6938	9947.1	6415.8	81.23	295	24.5072	12203.5	8068.9	89.98
226	28.6281	9980.5	6441.1	81.38	296	24.4535	12234.6	8090.9	90.08
227	28.5627	10013.9	6466.3	81.53	297	24.4000	12265.6	8112.9	90.19
228	28.4974	10047.2	6491.5	81.68	298	24.3466	12296.7	8134.8	90.29
229	28.4323	10080.5	6516.6	81.82	299	24.2935	12327.7	8156.7	90.40
230	28.3673	10113.7	6541.7	81.97	300	24.2405	12358.6	8178.5	90.50