450.00 ATMOSPHERE ISOBAR

TEMP. K	DENSITY MOL/LITER	ENTHALPY J/MOL	INTERNAL ENERGY J/MOL	ENTROPY J/MOL-K
* 94.720	36.6332	4143.9	2899.2	53.52
95	36.6013	4155.5	2909.7	53.64
96	36.4875	4197.2	2947.5	54.08
97	36.3736	4238.9	2985.3	54.51
98	36.2596	4280.7	3023.1	54.94
99	36.1455	4322.5	3061.0	55.37
100	36.0315	4364.4	3098.9	55.79
101	35.9174	4406.2	3136.7	56.20
102	35.8033	4448.1	3174.5	56.62
103	35.6893	4489.9	3212.3	57.02
104	35.5752	4531.7	3250.0	57.43
105	35.4612	4573.5	3287.6	57.83
106	35.3473	4615.2	3325.2	58.22
107	35.2334	4656.8	3362.6	58.61
108	35.1196	4698.3	3399.9	59.00
109	35.0058	4739.7	3437.2	59.38
110	34.8921	4781.0	3474.2	59.76
111	34.7785	4822.2	3511.2	60.13
112	34.6649	4863.3	3547.9	60.50
113	34.5515	4904.3	3584.6	60.86
114	34.4381	4945.1	3621.0	61.22
115	34.3248	4985.7	3657.3	61.58
116	34.2116	5026.3	3693.4	61.93
117	34.0985	5066.6	3729.4	62.28
118	33.9855	5106.8	3765.2	62.62
119	33.8725	5146.9	3800.8	62.96
120	33.7597	5186.9	3836.2	63.29
121	33.6469	5226.6	3871.5	63.62
122	33.5342	5266.3	3906.6	63.95
123	33.4216	5305.8	3941.5	64.27
124	33.3091	5345.2	3976.3	64.59
125	33.1966	5384.5	4010.9	64.90
126	33.0843	5423.7	4045.5	65.22
127	32.9720	5462.8	4079.9	65.53
128	32.8598	5501.9	4114.2	65.83
129	32.7476	5540.9	4148.5	66.14
130	32.6355	5579.9	4182.7	66.44
131	32.5235	5618.9	4216.9	66.74
132	32.4116	5657.9	4251.1	67.03
133	32.2997	5697.0	4285.3	67.33
134	32.1879	5736.3	4319.7	67.62
135	32.0761	5775.6	4354.1	67.91
136	31.9644	5814.7	4388.2	68.20
137	31.8528	5853.6	4422.1	68.49
138	31.7412	5892.5	4456.0	68.77
139	31.6297	5931.2	4489.6	69.05
140	31.5182	5969.8	4523.1	69.33
141	31.4068	6008.1	4556.2	69.60
142	31.2954	6046.3	4589.3	69.87
143	31.1841	6084.4	4622.2	70.14
144	31.0728	6122.5	4655.1	70.41
145	30.9616	6160.6	4687.9	70.67
146	30.8504	6198.8	4720.8	70.93
147	30.7392	6237.1	4753.7	71.20
148	30.6281	6275.4	4786.6	71.46
149	30.5170	6313.6	4819.5	71.72
150	30.4060	6352.0	4852.3	71.98
151	30.2950	6390.6	4885.5	72.24
152	30.1840	6429.8	4919.1	72.50
153	30.0731	6468.9	4952.7	72.75
154	29.9622	6508.1	4986.3	73.01
155	29.8514	6547.3	5019.8	73.26
156	29.7406	6586.5	5053.3	73.51
157	29.6299	6625.7	5086.8	73.76
158	29.5191	6665.0	5120.3	74.01
159	29.4085	6704.2	5153.7	74.26
160	29.2978	6743.5	5187.1	74.51

* PHASE CHANGE

450.00 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
161	29.1873	6782.8	5220.5	74.75	231	21.7986	9519.7	7427.9	88.88
162	29.0767	6822.1	5253.9	74.99	232	21.7033	9557.7	7456.8	89.04
163	28.9662	6861.4	5287.2	75.24	233	21.6084	9595.8	7485.6	89.21
164	28.8558	6900.7	5320.5	75.48	234	21.5139	9633.8	7514.3	89.37
165	28.7454	6940.0	5353.7	75.72	235	21.4200	9671.7	7543.0	89.53
166	28.6350	6979.3	5387.0	75.95	236	21.3265	9709.6	7571.5	89.69
167	28.5248	7018.7	5420.1	76.19	237	21.2334	9747.4	7599.9	89.85
168	28.4145	7058.0	5453.3	76.43	238	21.1408	9785.1	7628.3	90.01
169	28.3043	7097.4	5486.4	76.66	239	21.0487	9822.8	7656.5	90.17
170	28.1942	7136.7	5519.5	76.89	240	20.9571	9860.4	7684.7	90.33
171	28.0842	7176.1	5552.5	77.12	241	20.8659	9898.0	7712.7	90.48
172	27.9742	7215.5	5585.5	77.35	242	20.7753	9935.5	7740.7	90.64
173	27.8643	7254.8	5618.4	77.58	243	20.6851	9972.9	7768.5	90.79
174	27.7545	7294.2	5651.3	77.81	244	20.5954	10010.3	7796.3	90.94
175	27.6447	7333.6	5684.2	78.03	245	20.5062	10047.6	7824.0	91.10
176	27.5350	7373.0	5717.0	78.26	246	20.4175	10084.8	7851.6	91.25
177	27.4254	7412.4	5749.8	78.48	247	20.3293	10122.0	7879.0	91.40
178	27.3160	7451.8	5782.5	78.70	248	20.2416	10159.1	7906.4	91.55
179	27.2066	7491.2	5815.2	78.92	249	20.1544	10196.1	7933.7	91.70
180	27.0972	7530.6	5847.9	79.14	250	20.0678	10233.0	7960.9	91.85
181	26.9880	7570.0	5880.5	79.36	251	19.9816	10269.9	7987.9	91.99
182	26.8790	7609.4	5913.0	79.58	252	19.8959	10306.7	8014.9	92.14
183	26.7700	7648.8	5945.5	79.79	253	19.8108	10343.5	8041.8	92.29
184	26.6611	7688.2	5977.9	80.01	254	19.7262	10380.1	8068.6	92.43
185	26.5524	7727.6	6010.3	80.22	255	19.6420	10416.7	8095.3	92.57
186	26.4438	7767.0	6042.7	80.43	256	19.5584	10453.2	8121.9	92.72
187	26.3353	7806.4	6075.0	80.65	257	19.4753	10489.7	8148.4	92.86
188	26.2270	7845.8	6107.2	80.86	258	19.3928	10526.0	8174.8	93.00
189	26.1188	7885.1	6139.4	81.06	259	19.3107	10562.3	8201.1	93.14
190	26.0108	7924.5	6171.5	81.27	260	19.2292	10598.5	8227.3	93.28
191	25.9029	7963.9	6203.5	81.48	261	19.1482	10634.7	8253.4	93.42
192	25.7952	8003.2	6235.5	81.68	262	19.0677	10670.7	8279.4	93.56
193	25.6877	8042.6	6267.5	81.89	263	18.9877	10706.7	8305.3	93.69
194	25.5803	8081.9	6299.4	82.09	264	18.9083	10742.6	8331.1	93.83
195	25.4731	8121.2	6331.2	82.29	265	18.8294	10778.5	8356.9	93.97
196	25.3662	8160.5	6362.9	82.49	266	18.7510	10814.2	8382.5	94.10
197	25.2594	8199.8	6394.6	82.69	267	18.6731	10849.9	8408.0	94.23
198	25.1528	8239.1	6426.3	82.89	268	18.5957	10885.5	8433.4	94.37
199	25.0464	8278.3	6457.8	83.09	269	18.5188	10921.0	8458.8	94.50
200	24.9403	8317.6	6489.3	83.29	270	18.4425	10956.4	8484.0	94.63
201	24.8344	8356.8	6520.8	83.48	271	18.3667	10991.8	8509.2	94.76
202	24.7287	8396.0	6552.1	83.68	272	18.2914	11027.1	8534.2	94.89
203	24.6233	8435.2	6583.4	83.87	273	18.2166	11062.3	8559.2	95.02
204	24.5181	8474.4	6614.6	84.06	274	18.1423	11097.4	8584.1	95.15
205	24.4131	8513.5	6645.8	84.26	275	18.0685	11132.4	8608.9	95.28
206	24.3085	8552.7	6676.9	84.45	276	17.9952	11167.4	8633.5	95.40
207	24.2041	8591.8	6707.9	84.64	277	17.9225	11202.3	8658.1	95.53
208	24.0999	8630.8	6738.8	84.82	278	17.8502	11237.1	8682.6	95.66
209	23.9961	8669.9	6769.7	85.01	279	17.7784	11271.8	8707.1	95.78
210	23.8926	8708.9	6800.5	85.20	280	17.7072	11306.5	8731.4	95.90
211	23.7893	8747.9	6831.2	85.38	281	17.6364	11341.0	8755.6	96.03
212	23.6864	8786.9	6861.8	85.57	282	17.5662	11375.5	8779.8	96.15
213	23.5838	8825.8	6892.4	85.75	283	17.4964	11409.9	8803.8	96.27
214	23.4815	8864.7	6922.8	85.93	284	17.4271	11444.3	8827.8	96.39
215	23.3795	8903.5	6953.2	86.11	285	17.3583	11478.5	8851.7	96.51
216	23.2779	8942.4	6983.5	86.29	286	17.2900	11512.7	8875.5	96.63
217	23.1766	8981.1	7013.8	86.47	287	17.2222	11546.8	8899.2	96.75
218	23.0757	9019.9	7043.9	86.65	288	17.1549	11580.8	8922.8	96.87
219	22.9751	9058.6	7074.0	86.83	289	17.0880	11614.7	8946.3	96.99
220	22.8749	9097.3	7103.9	87.00	290	17.0216	11648.6	8969.8	97.10
221	22.7750	9135.9	7133.8	87.18	291	16.9557	11682.4	8993.2	97.22
222	22.6756	9174.5	7163.6	87.35	292	16.8903	11716.1	9016.4	97.34
223	22.5765	9213.0	7193.4	87.53	293	16.8253	11749.7	9039.6	97.45
224	22.4778	9251.5	7223.0	87.70	294	16.7608	11783.2	9062.8	97.57
225	22.3796	9290.0	7252.5	87.87	295	16.6968	11816.7	9085.8	97.68
226	22.2817	9328.4	7282.0	88.04	296	16.6332	11850.1	9108.8	97.79
227	22.1842	9366.7	7311.3	88.21	297	16.5701	11883.4	9131.6	97.90
228	22.0872	9405.0	7340.6	88.38	298	16.5074	11916.7	9154.4	98.02
229	21.9905	9443.3	7369.8	88.55	299	16.4452	11949.8	9177.1	98.13
230	21.8943	9481.5	7398.9	88.71	300	16.3834	11982.9	9199.8	98.24