220.00 ATMOSPHERE ISOBAR

TEMP. K	DENSITY MOL/LITER	ENTHALPY J/MOL	INTERNAL ENERGY J/MOL	ENTROPY J/MOL-K
* 89.232	36.0856	3467.6	2849.9	53.14
90	35.9869	3500.5	2881.0	53.50
91	35.8579	3543.4	2921.7	53.98
92	35.7281	3586.5	2962.6	54.45
93	35.5978	3629.7	3003.5	54.92
94	35.4670	3673.0	3044.5	55.38
95	35.3357	3716.5	3085.6	55.84
96	35.2039	3760.0	3126.8	56.29
97	35.0716	3803.6	3168.0	56.75
98	34.9389	3847.3	3209.2	57.19
99	34.8058	3891.0	3250.5	57.64
100	34.6723	3934.7	3291.8	58.08
101	34.5384	3978.5	3333.1	58.51
102	34.4042	4022.3	3374.4	58.94
103	34.2696	4066.1	3415.6	59.37
104	34.1346	4109.9	3456.8	59.79
105	33.9993	4153.6	3498.0	60.21
106	33.8637	4197.3	3539.1	60.63
107	33.7277	4241.0	3580.1	61.04
108	33.5914	4284.6	3621.0	61.44
109	33.4548	4328.2	3661.9	61.85
110	33.3178	4371.7	3702.6	62.24
111	33.1805	4415.1	3743.3	62.64
112	33.0428	4458.5	3783.8	63.02
113	32.9047	4501.7	3824.3	63.41
114	32.7664	4544.9	3864.6	63.79
115	32.6276	4588.0	3904.8	64.17
116	32.4885	4631.0	3944.8	64.54
117	32.3490	4673.9	3984.8	64.91
118	32.2091	4716.7	4024.6	65.27
119	32.0688	4759.4	4064.3	65.63
120	31.9281	4802.1	4103.9	65.99
121	31.7870	4844.7	4143.4	66.34
122	31.6455	4887.2	4182.7	66.69
123	31.5035	4929.6	4222.0	67.04
124	31.3611	4972.0	4261.2	67.38
125	31.2182	5014.4	4300.4	67.72
126	31.0749	5056.8	4339.4	68.06
127	30.9310	5099.2	4378.5	68.39
128	30.7867	5141.5	4417.5	68.73
129	30.6418	5184.0	4456.5	69.06
130	30.4965	5226.5	4495.5	69.38
131	30.3505	5269.1	4534.6	69.71
132	30.2041	5311.9	4573.8	70.04
133	30.0570	5354.8	4613.1	70.36
134	29.9094	5397.9	4652.6	70.68
135	29.7612	5441.2	4692.2	71.01
136	29.6124	5484.4	4731.7	71.32
137	29.4629	5527.6	4771.0	71.64
138	29.3128	5570.8	4810.3	71.96
139	29.1621	5614.0	4849.6	72.27
140	29.0107	5657.1	4888.7	72.58
141	28.8586	5700.1	4927.7	72.88
142	28.7058	5743.1	4966.6	73.19
143	28.5523	5786.2	5005.5	73.49
144	28.3981	5829.4	5044.4	73.79
145	28.2432	5872.7	5083.4	74.09
146	28.0875	5916.2	5122.5	74.39
147	27.9310	5959.9	5161.8	74.69
148	27.7738	6003.9	5201.2	74.99
149	27.6157	6047.9	5240.6	75.29
150	27.4569	6092.1	5280.2	75.59
151	27.2973	6136.8	5320.1	75.89
152	27.1368	6182.1	5360.7	76.19
153	26.9755	6227.7	5401.3	76.49
154	26.8134	6273.4	5442.0	76.79
155	26.6505	6319.2	5482.8	77.08
156	26.4867	6365.3	5523.6	77.38
157	26.3220	6411.5	5564.6	77.67
158	26.1565	6457.9	5605.6	77.97
159	25.9901	6504.5	5646.8	78.26
160	25.8228	6551.3	5688.0	78.56

* PHASE CHANGE

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220.00 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	25.6547	6598.2	5729.3	78.85	231	14.2574	10025.2	8461.7	96.55
162	25.4857	6645.4	5770.7	79.14	232	14.1434	10068.9	8492.7	96.74
163	25.3159	6692.7	5812.1	79.43	233	14.0313	10112.2	8523.5	96.93
164	25.1452	6740.2	5853.7	79.72	234	13.9209	10155.3	8553.9	97.11
165	24.9737	6787.9	5895.3	80.01	235	13.8123	10198.1	8584.1	97.29
166	24.8013	6835.8	5937.0	80.30	236	13.7054	10240.6	8614.1	97.48
167	24.6282	6883.9	5978.7	80.59	237	13.6001	10282.8	8643.7	97.65
168	24.4542	6932.1	6020.5	80.88	238	13.4965	10324.8	8673.2	97.83
169	24.2795	6980.6	6062.4	81.17	239	13.3946	10366.6	8702.3	98.01
170	24.1040	7029.2	6104.4	81.45	240	13.2942	10408.1	8731.2	98.18
171	23.9277	7078.0	6146.4	81.74	241	13.1955	10449.3	8759.9	98.35
172	23.7508	7127.0	6188.4	82.03	242	13.0982	10490.2	8788.3	98.52
173	23.5731	7176.2	6230.5	82.31	243	13.0025	10530.9	8816.5	98.69
174	23.3949	7225.5	6272.6	82.59	244	12.9083	10571.4	8844.5	98.85
175	23.2160	7275.0	6314.8	82.88	245	12.8156	10611.6	8872.2	99.02
176	23.0366	7324.7	6357.0	83.16	246	12.7243	10651.6	8899.7	99.18
177	22.8567	7374.5	6399.2	83.44	247	12.6344	10691.3	8926.9	99.34
178	22.6763	7424.5	6441.5	83.73	248	12.5459	10730.8	8954.0	99.50
179	22.4955	7474.7	6483.7	84.01	249	12.4588	10770.1	8980.8	99.66
180	22.3143	7525.0	6526.0	84.29	250	12.3730	10809.1	9007.5	99.82
181	22.1329	7575.4	6568.2	84.57	251	12.2885	10847.9	9033.9	99.97
182	21.9512	7625.9	6610.4	84.84	252	12.2053	10886.5	9060.1	100.12
183	21.7694	7676.6	6652.6	85.12	253	12.1234	10924.9	9086.1	100.28
184	21.5874	7727.4	6694.7	85.40	254	12.0426	10963.0	9111.9	100.43
185	21.4055	7778.2	6736.8	85.67	255	11.9631	11000.9	9137.5	100.58
186	21.2236	7829.2	6778.9	85.95	256	11.8848	11038.7	9163.0	100.72
187	21.0419	7880.2	6820.8	86.22	257	11.8076	11076.2	9188.2	100.87
188	20.8604	7931.4	6862.7	86.50	258	11.7316	11113.5	9213.3	101.02
189	20.6792	7982.5	6904.5	86.77	259	11.6567	11150.6	9238.2	101.16
190	20.4984	8033.7	6946.2	87.04	260	11.5829	11187.5	9262.9	101.30
191	20.3180	8085.0	6987.8	87.31	261	11.5101	11224.2	9287.4	101.44
192	20.1383	8136.2	7029.3	87.57	262	11.4384	11260.7	9311.8	101.58
193	19.9591	8187.5	7070.6	87.84	263	11.3677	11297.0	9336.0	101.72
194	19.7808	8238.7	7111.8	88.10	264	11.2981	11333.1	9360.0	101.86
195	19.6032	8290.0	7152.8	88.37	265	11.2294	11369.1	9383.9	101.99
196	19.4266	8341.2	7193.7	88.63	266	11.1617	11404.8	9407.6	102.13
197	19.2509	8392.3	7234.3	88.89	267	11.0949	11440.4	9431.2	102.26
198	19.0764	8443.4	7274.8	89.15	268	11.0291	11475.8	9454.6	102.39
199	18.9030	8494.4	7315.1	89.41	269	10.9641	11511.1	9477.9	102.52
200	18.7308	8545.3	7355.2	89.66	270	10.9001	11546.1	9501.0	102.65
201	18.5600	8596.1	7395.0	89.91	271	10.8369	11581.0	9524.0	102.78
202	18.3905	8646.8	7434.7	90.17	272	10.7746	11615.8	9546.8	102.91
203	18.2225	8697.4	7474.0	90.42	273	10.7131	11650.4	9569.5	103.04
204	18.0560	8747.8	7513.2	90.66	274	10.6525	11684.8	9592.1	103.16
205	17.8911	8798.1	7552.1	90.91	275	10.5926	11719.0	9614.5	103.29
206	17.7278	8848.2	7590.7	91.15	276	10.5336	11753.1	9636.9	103.41
207	17.5662	8898.1	7629.1	91.39	277	10.4753	11787.1	9659.0	103.54
208	17.4063	8947.8	7667.1	91.63	278	10.4178	11820.9	9681.1	103.66
209	17.2482	8997.4	7704.9	91.87	279	10.3610	11854.5	9703.0	103.78
210	17.0919	9046.7	7742.5	92.11	280	10.3050	11888.0	9724.8	103.90
211	16.9375	9095.8	7779.7	92.34	281	10.2497	11921.4	9746.5	104.02
212	16.7850	9144.8	7816.7	92.57	282	10.1950	11954.6	9768.1	104.14
213	16.6343	9193.4	7853.3	92.80	283	10.1411	11987.7	9789.5	104.25
214	16.4856	9241.9	7889.7	93.03	284	10.0878	12020.7	9810.9	104.37
215	16.3388	9290.1	7925.7	93.25	285	10.0352	12053.5	9832.1	104.48
216	16.1940	9338.0	7961.5	93.48	286	9.98334	12086.2	9853.2	104.60
217	16.0512	9385.7	7996.9	93.70	287	9.93203	12118.7	9874.3	104.71
218	15.9104	9433.2	8032.1	93.91	288	9.88135	12151.2	9895.2	104.82
219	15.7715	9480.3	8066.9	94.13	289	9.83128	12183.5	9916.0	104.94
220	15.6346	9527.3	8101.4	94.34	290	9.78181	12215.6	9936.7	105.05
221	15.4997	9573.9	8135.7	94.56	291	9.73294	12247.7	9957.3	105.16
222	15.3668	9620.3	8169.6	94.76	292	9.68465	12279.6	9977.8	105.27
223	15.2358	9666.4	8203.2	94.97	293	9.63692	12311.5	9998.3	105.38
224	15.1068	9712.2	8236.6	95.18	294	9.58976	12343.2	10018.6	105.48
225	14.9798	9757.8	8269.6	95.38	295	9.54314	12374.7	10038.8	105.59
226	14.8546	9803.0	8302.4	95.58	296	9.49707	12406.2	10059.0	105.70
227	14.7314	9848.0	8334.8	95.78	297	9.45152	12437.6	10079.0	105.80
228	14.6101	9892.7	8367.0	95.98	298	9.40650	12468.8	10099.0	105.91
229	14.4907	9937.2	8398.8	96.17	299	9.36199	12500.0	10118.9	106.01
230	14.3731	9981.4	8430.4	96.36	300	9.31797	12531.0	10138.6	106.12