

70.00 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
					91	34.8651	3265.9	3062.5	55.65
					92	34.7174	3311.1	3106.8	56.14
					93	34.5686	3356.5	3151.3	56.63
					94	34.4186	3402.0	3195.9	57.12
					95	34.2675	3447.7	3240.7	57.60
					96	34.1154	3493.4	3285.5	58.08
					97	33.9621	3539.3	3330.5	58.56
					98	33.8078	3585.4	3375.6	59.03
					99	33.6525	3631.5	3420.7	59.50
					100	33.4960	3677.7	3465.9	59.96
					101	33.3385	3724.0	3511.2	60.42
					102	33.1798	3770.3	3556.6	60.88
					103	33.0201	3816.8	3602.0	61.33
					104	32.8592	3863.3	3647.4	61.78
					105	32.6971	3909.9	3692.9	62.23
					106	32.5338	3956.5	3738.5	62.67
					107	32.3693	4003.2	3784.0	63.11
					108	32.2036	4049.9	3829.7	63.54
					109	32.0365	4096.7	3875.3	63.97
					110	31.8681	4143.5	3921.0	64.40
					111	31.6982	4190.4	3966.7	64.83
					112	31.5269	4237.4	4012.4	65.25
					113	31.3541	4284.4	4058.2	65.67
					114	31.1798	4331.5	4104.0	66.08
					115	31.0038	4378.6	4149.8	66.49
					116	30.8260	4425.8	4195.7	66.90
					117	30.6465	4473.2	4241.7	67.31
					118	30.4651	4520.6	4287.8	67.71
					119	30.2817	4568.1	4333.9	68.11
					120	30.0963	4615.8	4380.1	68.51
					121	29.9087	4663.6	4426.5	68.91
					122	29.7188	4711.7	4473.0	69.30
					123	29.5265	4759.9	4519.7	69.70
					124	29.3317	4808.4	4566.5	70.09
					125	29.1342	4857.1	4613.6	70.48
					126	28.9339	4906.1	4661.0	70.87
					127	28.7306	4955.5	4708.6	71.26
					128	28.5241	5005.2	4756.6	71.65
					129	28.3142	5055.4	4804.9	72.04
					130	28.1007	5106.1	4853.7	72.43
					131	27.8835	5157.4	4903.0	72.83
					132	27.6621	5209.3	4952.9	73.22
					133	27.4364	5261.8	5003.3	73.62
					134	27.2059	5315.2	5054.5	74.02
					135	26.9705	5369.4	5106.4	74.42
					136	26.7296	5424.1	5158.8	74.82
					137	26.4828	5479.6	5211.7	75.23
					138	26.2297	5535.8	5265.4	75.64
					139	25.9696	5593.0	5319.8	76.05
					140	25.7021	5651.0	5375.0	76.47
					141	25.4262	5710.0	5431.0	76.89
					142	25.1412	5770.2	5488.1	77.32
					143	24.8462	5831.8	5546.3	77.75
					144	24.5400	5895.0	5605.9	78.19
					145	24.2214	5960.0	5667.2	78.64
					146	23.8886	6027.1	5730.2	79.10
					147	23.5400	6096.6	5795.3	79.58
					148	23.1733	6168.8	5862.8	80.07
					149	22.7856	6244.1	5932.8	80.58
					150	22.3738	6322.9	6005.9	81.11
					151	21.9334	6406.3	6082.9	81.67
					152	21.4593	6495.2	6164.7	82.25
					153	20.9446	6590.2	6251.5	82.88
					154	20.3808	6692.6	6344.5	83.54
					155	19.7570	6804.1	6445.1	84.27
					156	19.0601	6927.1	6554.9	85.06
					157	18.2761	7064.0	6675.9	85.93
					158	17.3953	7217.2	6809.5	86.90
					159	16.4234	7387.4	6955.5	87.98
					160	15.3952	7571.0	7110.3	89.13
*	85.542	35.6494	3022.1	2823.2	52.89				
	86	35.5851	3042.4	2843.1	53.12				
	87	35.4438	3086.7	2886.6	53.64				
	88	35.3010	3131.2	2930.3	54.14				
	89	35.1570	3175.9	2974.2	54.65				
	90	35.0117	3220.8	3018.2	55.15				

* 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	14.3725	7760.2	7266.6	90.31	231	4.18861	11601.6	9908.2	111.24
162	13.4174	7945.3	7416.7	91.45	232	4.16082	11631.0	9926.3	111.37
163	12.5661	8119.7	7555.2	92.53	233	4.13351	11660.2	9944.2	111.50
164	11.8273	8280.0	7680.3	93.51	234	4.10665	11689.3	9962.1	111.62
165	11.1926	8425.8	7792.1	94.39	235	4.08025	11718.2	9979.9	111.75
166	10.6475	8558.2	7892.1	95.19	236	4.05428	11747.1	9997.6	111.87
167	10.1767	8678.8	7981.8	95.92	237	4.02873	11775.7	10015.2	111.99
168	9.76684	8789.2	8062.9	96.58	238	4.00359	11804.3	10032.7	112.11
169	9.40667	8890.8	8136.8	97.18	239	3.97885	11832.7	10050.1	112.23
170	9.08737	8985.1	8204.6	97.74	240	3.95450	11861.1	10067.4	112.35
171	8.80189	9073.0	8267.2	98.25	241	3.93053	11889.3	10084.7	112.46
172	8.54466	9155.5	8325.4	98.73	242	3.90692	11917.4	10101.9	112.58
173	8.31125	9233.3	8379.9	99.18	243	3.88367	11945.4	10119.0	112.70
174	8.09809	9307.0	8431.1	99.61	244	3.86077	11973.2	10136.0	112.81
175	7.90233	9377.1	8479.5	100.01	245	3.83820	12001.0	10153.0	112.92
176	7.72161	9444.1	8525.5	100.39	246	3.81597	12028.7	10169.9	113.04
177	7.55401	9508.2	8569.2	100.76	247	3.79406	12056.2	10186.7	113.15
178	7.39794	9569.8	8611.0	101.10	248	3.77246	12083.7	10203.5	113.26
179	7.25204	9629.1	8651.1	101.44	249	3.75117	12111.1	10220.2	113.37
180	7.11519	9686.5	8689.6	101.75	250	3.73018	12138.3	10236.8	113.48
181	6.98643	9741.9	8726.7	102.06	251	3.70947	12165.5	10253.4	113.59
182	6.86494	9795.7	8762.5	102.36	252	3.68906	12192.6	10269.9	113.69
183	6.75002	9848.0	8797.2	102.65	253	3.66892	12219.6	10286.4	113.80
184	6.64104	9898.9	8830.8	102.92	254	3.64905	12246.5	10302.8	113.91
185	6.53747	9948.4	8863.5	103.19	255	3.62944	12273.4	10319.1	114.01
186	6.43885	9996.8	8895.2	103.45	256	3.61010	12300.1	10335.4	114.12
187	6.34477	10044.1	8926.2	103.71	257	3.59100	12326.8	10351.6	114.22
188	6.25486	10090.3	8956.3	103.95	258	3.57216	12353.4	10367.8	114.33
189	6.16879	10135.6	8985.8	104.19	259	3.55355	12379.9	10383.9	114.43
190	6.08628	10180.0	9014.6	104.43	260	3.53518	12406.4	10400.0	114.53
191	6.00707	10223.5	9042.8	104.65	261	3.51705	12432.8	10416.0	114.63
192	5.93093	10266.3	9070.4	104.88	262	3.49913	12459.1	10432.0	114.73
193	5.85764	10308.3	9097.5	105.10	263	3.48145	12485.3	10447.9	114.83
194	5.78703	10349.7	9124.0	105.31	264	3.46397	12511.5	10463.8	114.93
195	5.71892	10390.4	9150.1	105.52	265	3.44671	12537.6	10479.7	115.03
196	5.65314	10430.5	9175.8	105.72	266	3.42966	12563.6	10495.5	115.13
197	5.58957	10470.0	9201.0	105.93	267	3.41281	12589.5	10511.2	115.23
198	5.52807	10508.9	9225.8	106.12	268	3.39616	12615.4	10526.9	115.32
199	5.46852	10547.3	9250.3	106.32	269	3.37970	12641.3	10542.6	115.42
200	5.41081	10585.2	9274.4	106.51	270	3.36344	12667.1	10558.2	115.51
201	5.35485	10622.7	9298.1	106.69	271	3.34736	12692.8	10573.8	115.61
202	5.30053	10659.7	9321.5	106.88	272	3.33147	12718.4	10589.4	115.70
203	5.24778	10696.3	9344.7	107.06	273	3.31576	12744.0	10604.9	115.80
204	5.19650	10732.4	9367.5	107.24	274	3.30022	12769.6	10620.3	115.89
205	5.14664	10768.2	9390.1	107.41	275	3.28486	12795.1	10635.8	115.98
206	5.09812	10803.6	9412.3	107.58	276	3.26966	12820.5	10651.2	116.08
207	5.05088	10838.7	9434.4	107.75	277	3.25464	12845.9	10666.5	116.17
208	5.00485	10873.4	9456.2	107.92	278	3.23978	12871.2	10681.9	116.26
209	4.95999	10907.8	9477.7	108.08	279	3.22508	12896.5	10697.2	116.35
210	4.91624	10941.8	9499.1	108.25	280	3.21053	12921.7	10712.4	116.44
211	4.87355	10975.6	9520.2	108.41	281	3.19614	12946.9	10727.7	116.53
212	4.83188	11009.0	9541.1	108.57	282	3.18191	12972.0	10742.9	116.62
213	4.79118	11042.2	9561.8	108.72	283	3.16782	12997.1	10758.0	116.71
214	4.75141	11075.2	9582.4	108.88	284	3.15388	13022.1	10773.2	116.80
215	4.71255	11107.8	9602.7	109.03	285	3.14009	13047.1	10788.3	116.88
216	4.67454	11140.2	9622.9	109.18	286	3.12643	13072.0	10803.3	116.97
217	4.63736	11172.4	9642.9	109.33	287	3.11292	13096.9	10818.4	117.06
218	4.60097	11204.3	9662.7	109.47	288	3.09954	13121.8	10833.4	117.14
219	4.56535	11236.1	9682.4	109.62	289	3.08629	13146.6	10848.4	117.23
220	4.53046	11267.6	9701.9	109.76	290	3.07318	13171.3	10863.3	117.32
221	4.49629	11298.8	9721.3	109.90	291	3.06020	13196.1	10878.3	117.40
222	4.46280	11329.9	9740.6	110.04	292	3.04735	13220.7	10893.2	117.49
223	4.42997	11360.8	9759.7	110.18	293	3.03462	13245.4	10908.0	117.57
224	4.39778	11391.5	9778.7	110.32	294	3.02201	13270.0	10922.9	117.65
225	4.36621	11422.0	9797.5	110.46	295	3.00953	13294.5	10937.7	117.74
226	4.33523	11452.4	9816.3	110.59	296	2.99717	13319.0	10952.5	117.82
227	4.30483	11482.5	9834.9	110.72	297	2.98492	13343.5	10967.3	117.90
228	4.27498	11512.5	9853.4	110.86	298	2.97279	13368.0	10982.0	117.98
229	4.24567	11542.4	9871.8	110.99	299	2.96078	13392.4	10996.7	118.07
230	4.21689	11572.1	9890.0	111.12	300	2.94887	13416.8	11011.4	118.15