

## 0.50 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	0.0679387	9553.2	8807.5	135.61
					92	0.0671716	9574.4	8820.2	135.84
					93	0.0664220	9595.7	8832.9	136.07
					94	0.0656894	9616.9	8845.6	136.30
					95	0.0649733	9638.1	8858.4	136.52
					96	0.0642729	9659.3	8871.1	136.74
					97	0.0635879	9680.5	8883.8	136.96
					98	0.0629176	9701.7	8896.5	137.18
					99	0.0622617	9722.9	8909.2	137.40
					100	0.0616196	9744.1	8921.9	137.61
					101	0.0609909	9765.3	8934.6	137.82
					102	0.0603752	9786.4	8947.3	138.03
					103	0.0597721	9807.6	8960.0	138.24
					104	0.0591812	9828.8	8972.7	138.44
					105	0.0586021	9849.9	8985.4	138.64
					106	0.0580344	9871.0	8998.0	138.84
					107	0.0574779	9892.2	9010.7	139.04
					108	0.0569321	9913.3	9023.4	139.24
					109	0.0563968	9934.4	9036.1	139.43
					110	0.0558717	9955.5	9048.7	139.62
					111	0.0553564	9976.6	9061.4	139.82
					112	0.0548507	9997.7	9074.0	140.00
					113	0.0543544	10018.8	9086.7	140.19
					114	0.0538671	10039.9	9099.3	140.38
					115	0.0533886	10061.0	9112.0	140.56
					116	0.0529187	10082.0	9124.6	140.74
					117	0.0524571	10103.1	9137.3	140.93
					118	0.0520036	10124.2	9149.9	141.10
					119	0.0515581	10145.2	9162.6	141.28
					120	0.0511202	10166.3	9175.2	141.46
					121	0.0506898	10187.3	9187.8	141.63
					122	0.0502667	10208.3	9200.4	141.81
					123	0.0498507	10229.4	9213.1	141.98
					124	0.0494416	10250.4	9225.7	142.15
					125	0.0490393	10271.4	9238.3	142.32
					126	0.0486435	10292.4	9250.9	142.48
					127	0.0482542	10313.5	9263.5	142.65
					128	0.0478712	10334.5	9276.1	142.82
					129	0.0474942	10355.5	9288.7	142.98
					130	0.0471233	10376.5	9301.3	143.14
					131	0.0467581	10397.5	9313.9	143.30
					132	0.0463987	10418.5	9326.5	143.46
					133	0.0460447	10439.5	9339.1	143.62
					134	0.0456962	10460.4	9351.7	143.78
					135	0.0453530	10481.4	9364.3	143.93
					136	0.0450150	10502.4	9376.9	144.09
					137	0.0446821	10523.4	9389.5	144.24
					138	0.0443540	10544.3	9402.1	144.39
					139	0.0440309	10565.3	9414.7	144.55
					140	0.0437124	10586.3	9427.3	144.70
					141	0.0433985	10607.2	9439.8	144.84
					142	0.0430892	10628.2	9452.4	144.99
					143	0.0427843	10649.2	9465.0	145.14
					144	0.0424838	10670.1	9477.6	145.29
					145	0.0421874	10691.1	9490.1	145.43
					146	0.0418952	10712.0	9502.7	145.58
					147	0.0416071	10732.9	9515.3	145.72
					148	0.0413229	10753.9	9527.8	145.86
					149	0.0410426	10774.8	9540.4	146.00
					150	0.0407662	10795.7	9553.0	146.14
					151	0.0404934	10816.7	9565.5	146.28
					152	0.0402244	10837.6	9578.1	146.42
					153	0.0399589	10858.5	9590.6	146.56
					154	0.0396969	10879.5	9603.2	146.69
					155	0.0394383	10900.4	9615.7	146.83
86	0.0720617	9446.9	8743.8	134.41	156	0.0391832	10921.3	9628.3	146.96
87	0.0711964	9468.2	8756.6	134.65	157	0.0389313	10942.2	9640.9	147.10
88	0.0703522	9489.4	8769.3	134.90	158	0.0386827	10963.1	9653.4	147.23
89	0.0695283	9510.7	8782.0	135.14	159	0.0384372	10984.0	9666.0	147.36
90	0.0687241	9532.0	8794.7	135.37	160	0.0381949	11005.0	9678.5	147.49

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161	0.0379556	11025.9	9691.1	147.62	231	0.0264025	12486.2	10567.3	155.15
162	0.0377194	11046.8	9703.6	147.75	232	0.0262883	12507.0	10579.8	155.24
163	0.0374860	11067.7	9716.1	147.88	233	0.0261751	12527.9	10592.3	155.33
164	0.0372556	11088.6	9728.7	148.01	234	0.0260630	12548.7	10604.8	155.42
165	0.0370280	11109.5	9741.2	148.13	235	0.0259517	12569.5	10617.3	155.51
166	0.0368032	11130.4	9753.8	148.26	236	0.0258414	12590.4	10629.8	155.60
167	0.0365811	11151.3	9766.3	148.39	237	0.0257321	12611.2	10642.3	155.69
168	0.0363617	11172.2	9778.8	148.51	238	0.0256236	12632.0	10654.8	155.78
169	0.0361449	11193.1	9791.4	148.63	239	0.0255161	12652.9	10667.3	155.86
170	0.0359307	11214.0	9803.9	148.76	240	0.0254095	12673.7	10679.8	155.95
171	0.0357191	11234.9	9816.5	148.88	241	0.0253038	12694.5	10692.3	156.04
172	0.0355100	11255.7	9829.0	149.00	242	0.0251989	12715.3	10704.8	156.12
173	0.0353032	11276.6	9841.5	149.12	243	0.0250949	12736.2	10717.3	156.21
174	0.0350990	11297.5	9854.1	149.24	244	0.0249918	12757.0	10729.8	156.29
175	0.0348970	11318.4	9866.6	149.36	245	0.0248895	12777.8	10742.3	156.38
176	0.0346974	11339.3	9879.1	149.48	246	0.0247881	12798.6	10754.8	156.46
177	0.0345001	11360.2	9891.7	149.60	247	0.0246875	12819.5	10767.3	156.55
178	0.0343050	11381.0	9904.2	149.72	248	0.0245877	12840.3	10779.8	156.63
179	0.0341121	11401.9	9916.7	149.84	249	0.0244887	12861.1	10792.2	156.72
180	0.0339214	11422.8	9929.2	149.95	250	0.0243905	12881.9	10804.7	156.80
181	0.0337329	11443.7	9941.8	150.07	251	0.0242931	12902.8	10817.2	156.88
182	0.0335464	11464.6	9954.3	150.18	252	0.0241964	12923.6	10829.7	156.97
183	0.0333620	11485.4	9966.8	150.30	253	0.0241006	12944.4	10842.2	157.05
184	0.0331796	11506.3	9979.3	150.41	254	0.0240054	12965.2	10854.7	157.13
185	0.0329992	11527.2	9991.9	150.52	255	0.0239111	12986.1	10867.2	157.21
186	0.0328207	11548.0	10004.4	150.64	256	0.0238175	13006.9	10879.7	157.29
187	0.0326442	11568.9	10016.9	150.75	257	0.0237246	13027.7	10892.2	157.38
188	0.0324696	11589.8	10029.4	150.86	258	0.0236324	13048.5	10904.7	157.46
189	0.0322969	11610.6	10041.9	150.97	259	0.0235409	13069.3	10917.2	157.54
190	0.0321260	11631.5	10054.5	151.08	260	0.0234502	13090.2	10929.7	157.62
191	0.0319569	11652.4	10067.0	151.19	261	0.0233602	13111.0	10942.2	157.70
192	0.0317896	11673.2	10079.5	151.30	262	0.0232708	13131.8	10954.7	157.78
193	0.0316240	11694.1	10092.0	151.41	263	0.0231821	13152.6	10967.1	157.86
194	0.0314602	11715.0	10104.5	151.51	264	0.0230941	13173.4	10979.6	157.93
195	0.0312980	11735.8	10117.1	151.62	265	0.0230068	13194.3	10992.1	158.01
196	0.0311375	11756.7	10129.6	151.73	266	0.0229201	13215.1	11004.6	158.09
197	0.0309787	11777.5	10142.1	151.84	267	0.0228341	13235.9	11017.1	158.17
198	0.0308215	11798.4	10154.6	151.94	268	0.0227487	13256.7	11029.6	158.25
199	0.0306659	11819.2	10167.1	152.05	269	0.0226640	13277.5	11042.1	158.33
200	0.0305118	11840.1	10179.6	152.15	270	0.0225799	13298.3	11054.6	158.40
201	0.0303593	11860.9	10192.1	152.25	271	0.0224964	13319.2	11067.1	158.48
202	0.0302083	11881.8	10204.7	152.36	272	0.0224135	13340.0	11079.6	158.56
203	0.0300588	11902.7	10217.2	152.46	273	0.0223312	13360.8	11092.0	158.63
204	0.0299108	11923.5	10229.7	152.56	274	0.0222496	13381.6	11104.5	158.71
205	0.0297643	11944.4	10242.2	152.67	275	0.0221685	13402.4	11117.0	158.78
206	0.0296192	11965.2	10254.7	152.77	276	0.0220880	13423.2	11129.5	158.86
207	0.0294755	11986.1	10267.2	152.87	277	0.0220082	13444.1	11142.0	158.94
208	0.0293332	12006.9	10279.7	152.97	278	0.0219288	13464.9	11154.5	159.01
209	0.0291922	12027.7	10292.2	153.07	279	0.0218501	13485.7	11167.0	159.08
210	0.0290527	12048.6	10304.7	153.17	280	0.0217719	13506.5	11179.5	159.16
211	0.0289144	12069.4	10317.2	153.27	281	0.0216943	13527.3	11192.0	159.23
212	0.0287775	12090.3	10329.7	153.37	282	0.0216172	13548.1	11204.4	159.31
213	0.0286418	12111.1	10342.3	153.46	283	0.0215407	13568.9	11216.9	159.38
214	0.0285075	12132.0	10354.8	153.56	284	0.0214647	13589.8	11229.4	159.45
215	0.0283744	12152.8	10367.3	153.66	285	0.0213893	13610.6	11241.9	159.53
216	0.0282425	12173.7	10379.8	153.75	286	0.0213144	13631.4	11254.4	159.60
217	0.0281119	12194.5	10392.3	153.85	287	0.0212400	13652.2	11266.9	159.67
218	0.0279824	12215.3	10404.8	153.95	288	0.0211661	13673.0	11279.4	159.75
219	0.0278542	12236.2	10417.3	154.04	289	0.0210927	13693.8	11291.9	159.82
220	0.0277271	12257.0	10429.8	154.14	290	0.0210199	13714.6	11304.3	159.89
221	0.0276012	12277.9	10442.3	154.23	291	0.0209475	13735.4	11316.8	159.96
222	0.0274765	12298.7	10454.8	154.33	292	0.0208757	13756.3	11329.3	160.03
223	0.0273528	12319.5	10467.3	154.42	293	0.0208043	13777.1	11341.8	160.10
224	0.0272303	12340.4	10479.8	154.51	294	0.0207335	13797.9	11354.3	160.17
225	0.0271089	12361.2	10492.3	154.61	295	0.0206631	13818.7	11366.8	160.25
226	0.0269885	12382.0	10504.8	154.70	296	0.0205931	13839.5	11379.3	160.32
227	0.0268692	12402.9	10517.3	154.79	297	0.0205237	13860.3	11391.7	160.39
228	0.0267510	12423.7	10529.8	154.88	298	0.0204547	13881.1	11404.2	160.46
229	0.0266338	12444.5	10542.3	154.97	299	0.0203862	13901.9	11416.7	160.53
230	0.0265176	12465.4	10554.8	155.06	300	0.0203182	13922.7	11429.2	160.60