

	H.O.F.	ENTHALPY	HEAT CAPACITY	ENTROPY	PTRI	HEAT CAPACITY	ENTROPY
PCN	KCAL/MOL	CAL/MOLE	CAL/K/MOL	CAL/K/MOL	ULTRA-2	CAL/K/MOL	CAL/K/MOL
0	38.331	4900.6475	30.0507	79.8638		30.0507	79.8638
1	32.211	5634.5248	33.6394	89.7252	1434	33.6394	89.7252
2	30.582	5634.0982	33.6379	89.7289	1431	33.6379	89.7289
12	27.575	6388.5993	37.1911	96.7502	1647	37.1911	96.7502
13	25.304	6399.2757	37.2442	96.8434	1604	37.2442	96.8434
14	26.889	6392.4695	37.2262	95.5135	1620	37.2262	95.5135
15	26.614	6388.9193	37.231	95.5189	1625	37.231	95.5189
16	24.879	6382.8352	37.2231	96.835	1621	37.2231	96.835
17	25.083	6394.8176	37.2395	96.982	1631	37.2395	96.982
18	31.221	6405.803	37.1952	96.575	1710	37.1952	96.575
23	25.775	6385.7143	37.1964	95.3079	1650	37.1964	95.3079
26	23.308	6388.9295	37.2109	95.5371	1629	37.2109	95.5371
27	23.274	6388.4142	37.2263	95.5341	1625	37.2263	95.5341
123	23.559	7154.7871	40.7662	103.6846	1850	40.7662	103.6846
124	22.969	7165.3859	40.7936	103.9058	1804	40.7936	103.9058
125	22.331	7148.9917	40.7784	103.9142	1822	40.7784	103.9142
126	20.57	7145.0663	40.768	103.8272	1828	40.768	103.8272
127	20.73	7147.9953	40.7675	103.8641	1837	40.7675	103.8641
128	27.416	7166.1708	40.7371	105.6499	1992	40.7371	105.6499
135	20.232	7163.5129	40.8266	103.9988	1784	40.8266	103.9988
136	18.368	7157.0721	40.8199	103.9142	1782	40.8199	103.9142
137	18.493	7161.8196	40.8184	103.9745	1792	40.8184	103.9745
138	24.682	7175.7546	40.7939	105.0991	1868	40.7939	105.0991
145	26.643	7181.2634	40.7818	105.9066	1876	40.7818	105.9066
146	20.079	7153.7072	40.8004	104.0171	1796	40.8004	104.0171
167	20.538	7145.9993	40.7758	103.8154	1840	40.7758	103.8154
236	18.798	7148.9654	40.7935	103.837	1843	40.7935	103.837
1234	22.009	7930.324	44.3253	109.4428	2038	44.3253	109.4428
1235	18.772	7925.6705	44.3458	110.8947	2020	44.3458	110.8947
1236	16.878	7922.6547	44.3398	110.8298	2025	44.3398	110.8298
1237	17.023	7925.7007	44.3386	110.8564	2035	44.3386	110.8564
1238	23.781	7939.3052	44.3056	112.9029	2119	44.3056	112.9029
1245	23.098	7954.4039	44.3568	112.9116	2052	44.3568	112.9116
1246	16.457	7932.531	44.3615	111.0222	1970	44.3615	111.0222
1247	16.468	7933.3339	44.364	111.0175	1970	44.364	111.0175
1248	23.57	7960.375	44.3181	115.5244	2059	44.3181	115.5244
1256	18.31	7916.0086	44.3215	109.5601	2014	44.3215	109.5601
1257	16.263	7933.4547	44.374	111.0183	1970	44.374	111.0183
1258	23.183	7946.8415	44.3168	114.2443	2073	44.3168	114.2443
1267	16.506	7914.2259	44.3178	110.8165	2039	44.3178	110.8165
1268	21.183	7943.2623	44.3293	112.8292	2074	44.3293	112.8292
1278	23.953	7928.4343	44.2753	111.7394	2135	44.2753	111.7394
1357	14.187	7949.3662	44.4151	109.7303	1929	44.4151	109.7303
1358	20.611	7955.895	44.3662	113.0906	2021	44.3662	113.0906
1367	14.324	7930.3902	44.3682	110.9281	1989	44.3682	110.9281
1368	18.507	7956.2556	44.3839	110.9033	2013	44.3839	110.9033
1458	27.444	7916.2947	44.3314	108.5709	2109	44.3314	108.5709
1467	16.042	7923.7856	44.3499	109.6136	1995	44.3499	109.6136
2367	14.609	7913.694	44.3225	108.0223	2055	44.3225	108.0223
12345	22.965	8711.4503	47.8561	120.2823	2299	47.8561	120.2823
12346	15.759	8703.2339	47.8954	117.945	2206	47.8954	117.945
12356	14.998	8697.2723	47.8862	117.9179	2209	47.8862	117.9179
12357	12.979	8715.5026	47.9324	118.0077	2161	47.9324	118.0077
12358	19.957	8706.6864	47.878	119.3708	2265	47.878	119.3708
12367	13.068	8695.6321	47.886	117.7859	2237	47.886	117.7859
12368	17.836	8722.4705	47.889	120.3746	2265	47.889	120.3746
12378	20.558	8700.4888	47.8429	119.7883	2335	47.8429	119.7883
12456	19.85	8717.143	47.869	120.452	2247	47.869	120.452
12457	17.318	8737.8747	47.9217	120.4924	2187	47.9217	120.4924
12458	24.368	8683.8647	47.8849	117.965	2285	47.8849	117.965
12467	12.665	8705.8723	47.9062	117.9766	2161	47.9062	117.9766
12468	17.797	8735.8297	47.917	120.7028	2196	47.917	120.7028
12478	20.365	8723.3713	47.8719	120.8646	2256	47.8719	120.8646
123456	19.816	9455.4284	51.3957	125.067	2514	51.3957	125.067
123457	17.443	9500.0711	51.443	127.1566	2432	51.443	127.1566
123458	24.123	9441.2715	51.4088	123.0006	2520	51.4088	123.0006
123467	12.148	9478.8272	51.4392	123.5363	2406	51.4392	123.5363
123567	11.929	9480.8417	51.4473	123.4792	2406	51.4473	123.4792
123568	16.819	9487.5816	51.4343	126.3376	2442	51.4343	126.3376
123578	17.269	9473.3751	51.429	125.3585	2494	51.429	125.3585
123678	17.405	9464.3698	51.3707	124.766	2547	51.3707	124.766
124568	21.46	9457.5824	51.4349	123.211	2452	51.4349	123.211
124578	21.482	9457.8643	51.4351	123.1758	2452	51.4351	123.1758
1234567	16.951	10240.524	54.9536	132.0007	2665	54.9536	132.0007
1234568	21.359	10220.0703	54.9571	131.0871	2670	54.9571	131.0871
12345678	21.324	10985.5595	58.4746	134.883	2879	58.4746	134.883