

Cp medio entalpico per alcuni Liquidi
[J/mole K]

		Ammoniaca	Anilina	Benzene	1,3-Butadiene	Tetracloruro di Carbonio	Clorobenzene	Cloroformio	Cicloesano	Etanolo	Ossido di etilene	Metanolo	n-Propanolo	Anidride Solforica	Toluene	Acqua
Dati	A	22.626	15.819	-0.747	22.711	21.155	11.278	19.215	-9.048	33.866	21.039	13.431	41.653	-2.93	15.133	8.712
	B	-0.10075	0.02903	0.06796	-0.08796	-0.04828	0.03286	0.04289	0.14138	-0.1726	-0.08641	-0.05128	-0.21032	0.13708	0.00679	0.00125
	C	0.00019271	-0.0000158	-3.778E-05	0.00020579	0.00010114	-0.0000319	0.00008301	-0.0001616	0.00034917	0.00017228	0.00013113	0.0004272	-8.473E-05	0.00001635	-1.8E-07

		Cp _{mh}	Cp _{mh}	Cp _{mh}	Cp _{mh}	Cp _{mh}	Cp _{mh}	Cp _{mh}	Cp _{mh}	Cp _{mh}	Cp _{mh}	Cp _{mh}	Cp _{mh}	Cp _{mh}	Cp _{mh}	Cp _{mh}
t [°C]	T [K]	[J/mol K]	[J/mol K]	[J/mol K]	[J/mol K]	[J/mol K]	[J/mol K]	[J/mol K]	[J/mol K]	[J/mol K]	[J/mol K]	[J/mol K]	[J/mol K]	[J/mol K]	[J/mol K]	[J/mol K]
25	298	80.778	191.778	134.272	122.830	130.939	151.626	327.304	155.727	111.731	88.028	81.431	140.629	252.708	154.710	75.396
30	303	81.085	192.184	135.214	123.565	131.195	151.912	329.230	156.653	112.493	88.378	81.999	141.579	254.502	155.055	75.419
35	308	81.418	192.589	136.150	124.329	131.466	152.193	331.167	157.555	113.304	88.752	82.584	142.588	256.284	155.402	75.443
40	313	81.778	192.991	137.082	125.122	131.750	152.470	333.115	158.436	114.163	89.150	83.188	143.657	258.054	155.751	75.467
45	318	82.164	193.391	138.008	125.942	132.049	152.742	335.075	159.294	115.070	89.572	83.811	144.785	259.812	156.103	75.490
50	323	82.578	193.789	138.929	126.792	132.361	153.010	337.047	160.130	116.026	90.018	84.451	145.972	261.559	156.457	75.514
55	328	83.018	194.184	139.845	127.670	132.688	153.273	339.030	160.943	117.030	90.487	85.109	147.218	263.294	156.813	75.538
60	333	83.485	194.578	140.755	128.576	133.028	153.532	341.025	161.734	118.082	90.980	85.786	148.523	265.017	157.171	75.561
65	338	83.978	194.969	141.660	129.511	133.383	153.787	343.031	162.502	119.183	91.498	86.481	149.888	266.729	157.532	75.585
70	343	84.498	195.358	142.560	130.474	133.751	154.037	345.048	163.248	120.332	92.039	87.194	151.312	268.429	157.895	75.608
75	348	85.045	195.745	143.455	131.466	134.134	154.283	347.077	163.972	121.530	92.604	87.925	152.795	270.117	158.260	75.632
80	353	85.619	196.129	144.345	132.487	134.530	154.525	349.118	164.673	122.776	93.192	88.674	154.337	271.793	158.627	75.655
85	358	86.219	196.512	145.229	133.536	134.941	154.762	351.170	165.352	124.070	93.805	89.442	155.938	273.458	158.997	75.679
90	363	86.846	196.892	146.108	134.613	135.365	154.994	353.233	166.009	125.413	94.442	90.228	157.599	275.111	159.369	75.702
95	368	87.500	197.270	146.982	135.719	135.804	155.222	355.308	166.643	126.804	95.102	91.031	159.318	276.752	159.743	75.726
100	373	88.180	197.646	147.851	136.854	136.257	155.446	357.395	167.255	128.244	95.786	91.854	161.097	278.381	160.120	75.749

$$\frac{Cp_{mh}}{R} = \frac{\int_{T-298}^T Cp dT}{T-298} = A + \frac{B}{2}(T+298) + \frac{C}{3}(T^2 + 298T + 298^2)$$

