material	c_p (J/kg K)	material	c_p (J/kg K)
air, 200 K	1650	mica	880
air, 300 K	1158	neon	1030
air, 500 K	1073	nickel	444
air, 1000 K	1151	nitrogen (N_2)	1040
alcohol, methyl (wood)	2530	oil, olive	1790
alcohol, ethyl (grain)	2440	oxygen (O_2)	918
aluminum	897	perlite	387
ammonia, liquid	4700	platinum	133
ammonia, gas	2060	plutonium	140
argon	520	porcelain	1085
asphalt	920	salt	880
bone	440	sand	835
brass	375	scandium	568
brick	840	silicon	705
concrete	880	silver	235
carbon, diamond	516	soil, dry	800
carbon, graphite	717	soil, wet	1480
copper	385	snow	2090
freon 12, liquid	871	teflon	1172
freon 12, vapor	595	tin	228
glass, crown	670	titanium	523
glass, flint	503	tungsten	132
glass, pyrex	753	uranium	116
gold	129	water, ice, -5 °C	2090
granite	790	water, liquid, 0 °C	4217.6
gypsum	1090	water, liquid, 20 °C	4181.8
hydrogen (H_2)	14,304	water, liquid, 40 °C	4178.5
helium	5193	water, liquid, 80 °C	4196.3
iron	449	water, liquid, 100 °C	4215.9
lead	129	water, vapor, 0 °C	3909.2
lithium	3582	water, vapor, 27°C	3984.6
lucite	1460	water, vapor, 100 °C	4039.2
marble	880	wood	1700
mercury	140	zinc	388

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