

Substance	J/(kg·K)	Substance	J/(kg·K)
Air	1012	Lead	128
Aluminum	897	Lithium	3560
Ammonia (liquid)	4700	Magnesium	1023
Asphalt	920	Marble	858
Benzene	1750	Mercury	138
Brass	380	Methane (275 K)	2191
Calcium	650	Methyl alcohol	2549
Carbon dioxide (gas)	839	Nickel	440
Concrete	880	Nitrogen	1040
Copper	387	Oxygen	918
Diamond	509	Potassium	750
Ethyl alcohol	2460	Sand	290
Ethylene glycol	2200	Silver	236
Gasoline	2220	Sodium	1230
Glass (typical)	837	Soil (typical)	1046
Gold	129	Steam (100 °C)	2009
Granite	790	Sulphur	730
Graphite	710	Tin	210
Helium (gas)	5300	Vegetable oil	2000
Human tissue	3500	Water (0 °C to 100 °C)	4186
Hydrogen (gas)	14267	Wood	420
Ice (-10 °C to 0 °C)	2093	Zinc	390
Iron/Steel	452		