

Thermodynamic Quantities

Substance	$c(J/kg - K)$
Aluminum	900
Copper	385
Iron	449
Gold	129
Lead (solid)	128
Lead (liquid)	155
Ice	2090
Water	4190
Ethyl alcohol	2400
Beryllium	1825
Silicon	703
Gallium	368
Iridium	1298
Mercury	140

Substance	$T_m (^{\circ}C)$	$L_f (J/kg)$	$T_b (^{\circ}C)$	$L_v (J/kg)$
Nitrogen (N ₂)	-210	0.26×10^5	-196	1.99×10^5
Ethyl alcohol	-114	1.09^5	78	8.79×10^5
Mercury (Hg)	-39	0.11×10^5	357	2.96×10^5
Water (H ₂ O)	0	3.33×10^5	100	22.6×10^5
Lead (Pb)	328	0.25×10^5	1750	8.58×10^5