

Product	<u>Specific Heat Capacity</u>	
	- c_p -	
	(Btu/lb _m ^o F) (kcal/kg ^o C)	(kJ/kg K)
Bismuth	0.03	0.13
Gold	0.03	0.13
Iridium	0.03	0.13
Lead	0.03	0.13
Platinum, 0°C	0.032	0.13
Mercury	0.03	0.14
Tungsten	0.04	0.17
Antimony	0.05	0.21
Galena	0.05	0.21
Tellurium	0.05	0.21
Silver, 20°C	0.056	0.23
Cadmium	0.06	0.25
Barium	0.07	0.29
Brass	0.09	0.38
Cassiterite	0.09	0.38
Copper	0.09	0.39
Corundum	0.1	0.42
Bone	0.11	0.44
Barite	0.11	0.46
Cobalt	0.11	0.46
Iron, 20°C	0.11	0.46
Manganese	0.11	0.46
Chromium	0.12	0.5
Glass, crystal	0.12	0.5
Glass, plate	0.12	0.5
Mica	0.12	0.5
Vanadium	0.12	0.5
Carbon, Diamond	0.12	0.52
Chalcopyrite	0.13	0.54
Potassium	0.13	0.54
Calcium	0.15	0.63
Diamond	0.15	0.63
Tile hollow	0.15	0.63
Carborundum	0.16	0.67
Glass, wool	0.16	0.67
Hematite	0.16	0.67
Magnetite	0.16	0.67

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Pyrolusite	0.16	0.67
Carbon, Graphite	0.17	0.71
Graphite	0.17	0.71
Quartz mineral 32°F (0°C)	0.17	0.71
Sulphur	0.17	0.71
Concrete, stone	0.18	0.75
Garnet	0.18	0.75
Glass, Pyrex	0.18	0.75
Malachite	0.18	0.75
Granite	0.19	0.79
Augite	0.19	0.8
Calcite 32 - 100F	0.19	0.8
Hypersthene	0.19	0.8
Labradorite	0.19	0.8
Orthoclase	0.19	0.8
Quartz mineral 55 - 212°F	0.19	0.8
Sand	0.19	0.8
Soil, dry	0.19	0.80
Stoneware	0.19	0.8
Apatite	0.2	0.84
Asbestos cement board	0.2	0.84
Asbestos mill board	0.2	0.84
Ashes	0.2	0.84
Basalt rock	0.2	0.84
Beryl	0.2	0.84
Calcite 32 - 212F	0.2	0.84
Cement powder	0.2	0.84
Glass	0.2	0.84
Glass, window	0.2	0.84
Hornblende	0.2	0.84
Lava	0.2	0.84
Limestone	0.2	0.84
Magnesia (85%)	0.2	0.84
Mineral wool blanket	0.2	0.84
Pyrex glass	0.2	0.84
Silica aerogel	0.2	0.84
Stone	0.2	0.84
Vermiculite	0.2	0.84
Coke	0.2	0.85
Aluminum, 0°C	0.21	0.87

Fluorspar	0.21	0.88
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Marble, mica	0.21	0.88
Oliglocose	0.21	0.88
Salt	0.21	0.88
Topaz	0.21	0.88
Brick, common	0.22	0.9
Chalk	0.22	0.9
Plaster, sand	0.22	0.9
Sawdust	0.21	0.9
Asphalt	0.22	0.92
Clay	0.22	0.92
Dolomite rock	0.22	0.92
Fluorite	0.22	0.92
Rock salt	0.22	0.92
Sandstone	0.22	0.92
Concrete, light	0.23	0.96
Borax	0.24	1
Brick, hard	0.24	1
Charcoal	0.24	1
Charcoal, wood	0.24	1
Plaster, light	0.24	1
Firebrick	0.25	1.05
Porcelain	0.26	1.07
Gypsum	0.26	1.09
Serpentine	0.26	1.09
India rubber min	0.27	1.13
Coal, anthracite	0.3	1.26
Earth, dry	0.3	1.26
Sodium	0.3	1.26
Wool, loose	0.3	1.26
Boron	0.31	1.3
Plastics, foam	0.3	1.3
Bakelite. wood filler	0.33	1.38
Coal, bituminous	0.33	1.38
Silk	0.33	1.38
Vulcanite	0.33	1.38
Wool, felt	0.33	1.38
Paper	0.33	1.4
Ice -112°F	0.35	1.47
Tar	0.35	1.47

Soil, wet	0.35	1.48
Leather, dry	0.36	1.5
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Pyroxylin plastics	0.36	1.51
Cement dry	0.37	1.55
Bakelite. asbestos filler	0.38	1.59
Plastics, solid	0.4	1.67
Ice -40°F	0.43	1.8
Peat	0.45	1.88
Corkboard	0.45	1.9
Ice -4°F	0.47	1.97
Wood, oak	0.48	2
Rubber	0.48	2.01
Ice 32°F (0°C)	0.49	2.09
Fiber hardboard	0.5	2.1
Hairfelt	0.5	2.1
Fiberboard, light	0.6	2.5
Wood, white pine	0.6	2.5
Paraffin wax	0.7	2.9
Wood, balsa	0.7	2.9
Beeswax	0.82	3.4
Lithium	0.86	3.58
India rubber max	0.98	4.1