

Material Density Chart

Material	Density (Loose)	Material	Density (Loose)
Ashes	1,100 lb/yd ³	Gypsum–Crushed	2,700 lb/yd ³
Caliche	2,100 lb/yd ³	Kaolin	1,730 lb/yd ³
Cement–Portland	2,550 lb/yd ³	Limestone–Broken	2,600 lb/yd ³
Cereals–Wheat, Bulk	1,300 lb/yd ³	Salt–Coarse	1,350 lb/yd ³
Clay (natural bed)	2,800 lb/yd ³	Sand–Dry	2,700 lb/yd ³
Clay (Dry Lumps)	1,820 lb/yd ³	Sand–Wet	3,500 lb/yd ³
Clay (Wet Lumps)	2,700 lb/yd ³	Sand with gravel–Dry	2,900 lb/yd ³
Clay with Gravel (Dry)	2,700 lb/yd ³	Sand with gravel–Wet	3,400 lb/yd ³
Clay with Gravel (Wet)	3,080 lb/yd ³	Sandstone–Broken	2,550 lb/yd ³
Coal–Anthracite(Broken)	1,850 lb/yd ³	Sawdust	550 lb/yd ³
Coal–Bituminous(Broken)	1,400 lb/yd ³	Shale	2,100 lb/yd ³
Coke	875 lb/yd ³	Silage	865 lb/yd ³
Earth–Dry, Packed	2,550 lb/yd ³	Slag–Broken	2,950 lb/yd ³
Earth–Wet, Excavated	2,700 lb/yd ³	Snow–Dry	400 lb/yd ³
Earth, Loam	2,100 lb/yd ³	Snow–Wet	600 lb/yd ³
Garbage–Wet	1,350 lb/yd ³	Stone–Crushed	2,700 lb/yd ³
Granite–Broken	2,800 lb/yd ³	Sugar–Raw, Refined	1,750 lb/yd ³
Gravel–Dry	2,550 lb/yd ³	Topsoil	1,600 lb/yd ³
Graveled Sand	3,250 lb/yd ³	Wood Chips (Dry)	600 lb/yd ³
Gravel–Dry (½” to 2”)	2,850 lb/yd ³	Wood Chips (Wet)	900 lb/yd ³
Gravel–Wet (½” to 2”)	3,375 lb/yd ³		

*Actual material density may vary from these standard values.

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