

Specific Gravity of Common Materials

Material	Specific Gravity
Barite	4.2 - 4.3
Bentonite	2.3 - 2.4
Blacknight	1.08
Calcium Carbonate	2.7
Calcium Chloride (94%)	2.2
Calcium Chloride (Flake)	1.85
Calcium Lignosulfonate	1.53
Calcium Oxide (Hot Lime)	3.4
Calcium Sulfate	2.96
Caustic Potash	2.044
Cement	3.0 - 3.2
Citric Acid	1.665
Clays (Drilled Solids)	2.5 - 2.7
CMC	1.59
Diesel Fuel	0.84
Dolomite	2.8 - 3.0
Envirofloc	1.12
Feldspar	2.4 - 2.7
Galena	6.5 - 6.7
Gypsum	2.9
HEC 10 Polymer	1.38 - 1.40
Hematite	5.26
Iron	7.8
Ironite Sponge	4.9 - 5.3
Lead	11.3
Lignite	1.5
Lime (Hot or Quick Lime)	3.2 - 3.4
Lime (Hydrated)	2.34
Limestone	2.7 - 2.9
Potassium Chloride	1.99
Pyrite	5.02
Quartz	2.65
Salt	2.165
Salt Gel	2.55
Sand	2.4 - 2.8
SAPP	1.862
Soda Ash	2.53
Sodium Bicarbonate	2.16
Sodium Sulfite	2.63
Starch	1.5
Steel	7.8
Water (Fresh)	1.0
Water (Sea)	1.2
X-Pel-G	1.06
Zinc Carbonate	4.4