



Specific Gravity of Common Materials

Material	Specific gravity (Kg/dm ³)
Acrylonitril-Buthadiene-Styrene (ABS)	0.99 - 1.01
Air (dry)	0.0013
Aluminum	2.70
Brass	8.40 - 8.70
Bronze	7.40 - 8.90
Carbon Monoxide	0.0019
Cast iron	7.10
Cellulose	1.50
Copper	8.80 - 8.92
Diamond	3.51
Diesel Oil	0.80 - 0.85
Epoxy Resin	1.20
Ethyl Alcohol 95%	0.81
Gasoline	0.70 - 0.76
Glass	2.40 - 2.70
Gold	19.30
Grease	0.92 - 0.94
Hydrogen	0.0009
Ice	0.90
Lead	11.34
Mercury	13.60
Mineral Oil	0.85 - 0.95
Oxygen	0.0015
Paper	0.70 - 1.10
Platinum	21.45
Polyamide (PA)	1.04 - 1.50
Polypropylene (PP)	0.91
Polystyrene (PS)	0.94 - 1.00
Polyvinyl Chloride, soft (PVC)	0.96 - 0.98
Rubber	1.70 - 2.20
Silver	10.50
Steel	7.85
Sulphuric Acid	1.83
Tin	7.28
Water	1.00
Zinc	7.14

Note: the values in this table are average values and must be used as a guide only. In most cases, specific gravity (AKA: Specific Weight or Specific Density) varies with temperature, pressure, content of impurities, etc...