

## DENSITIES OF COMMON SUBSTANCES

Material	Density (gm/cm <sup>3</sup> )
Liquids	
Water at 4 C	1.0000
Water at 20 C	0.998
Gasoline	0.70
Diesel Fuel Oil 20-60 C	0.82-0.95
Kerosene	0.82
Material	Density (gm/cm <sup>3</sup> )
Solids	
Magnesium	1.7
Aluminum	2.7
Copper	8.3-9.0
Gold	19.3
Iron	7.8
Lead	11.3
Platinum	21.4
Uranium	18.7
Osmium	22.5
Ice at 0 C	0.92
Material	Density (gm/cm <sup>3</sup> )
Gases at STP	
Air	0.001293
Carbon dioxide	.001977
Carbon monoxide	0.00125
Hydrogen	0.00009
Helium	0.000178
Nitrogen	0.001251