Density

Density is the mass per unit volume of a substance.

$$D = \frac{m}{V} = \frac{mass}{volume}$$ ← Equation

Units ← units

either $\frac{kilograms}{metre^3}$ or $\frac{grams}{centimetre^3}$

$\frac{kg}{m^3}$ or $\frac{g}{cm^3}$

NOTE: 1 cm^3 = 1 mL

Mar 13-9:11 AM

Solids (at 20°C) kg/m³		Liquids (at 20°C) kg/m³		Gases (at 0°C & standard pressure kg/m³	
Osmium	22 500	Mercury	13 600	Carbon dioxide	1.98
Platinum	21 400	Carbon tetrachloride	1 600	Oxygen	1.43
Gold	19 300	Chloroform	1 490	Air	1.29
Uranium	18 700	Sea water	1 030	Nitrogen	1.25
Lead	11 300	Water	1 000	Helium	0.178
Nickel	8 900	Olive oil	920	Hydrogen	0.089
Copper	8 900	Turpentine	870		
Iron	7 900	Methyl alcohol	790		
Zinc	7 100	Ether	740		
Tin	5 600	Gasoline	690		
Aluminum	2 700				
Magnesium	1 700				
Ice (0°C)	920				

Mar 14-10:26 AM