

7.2: Specific Gravity

A concept closely related to density is *specific gravity*, which is defined to be the ratio of the density of a substance to the density of water. Since the density of water is 1.00 g/cm^3 , the specific gravity is numerically equal to the density in units of g/cm^3 . Note, though, that specific gravity is dimensionless (i.e. has no units). For example, the density of gold is 19.3 g/cm^3 , and so its specific gravity is 19.3 (with no units).

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