

**Molecular Weight**

Molecular Weight : 44.01 g/mol

**Gaseous phase**

Gas density (1.013 bar at boiling point) : 2.814 kg/m<sup>3</sup>  
 Specific gravity (air = 1) (1.013 bar and 21°C (70°F)) : 1.521  
 Specific volume (1.013 bar and 21°C (70°F)) : 0.547 m<sup>3</sup>/kg  
 Heat capacity at constant pressure(C<sub>p</sub>) (1.013 bar and 25°C (77°F)) : 0.037 kJ/(mol.K)  
 Heat capacity at constant volume (C<sub>v</sub>) (1.013 bar and 25°C (77°F)) : 0.028 kJ/(mol.K)  
 Ratio of specific heats (Gamma : C<sub>p</sub>/C<sub>v</sub>) (1.013 bar and 25°C (77°F)) : 1.293759  
 Viscosity (0°C (32°F) and 1.013 bar) : 0.0001372 Poise  
 Thermal conductivity (0°C (32°F) and 1.013 bar) : 14.65 mW/(m.K)  
 Gas density of the gas phase (1.013 bar and 15°C (59°F)) : 1.87 kg/m<sup>3</sup>

**Solid phase**

Solid density : 1562 kg/m<sup>3</sup>

**Liquid phase**

Liquid density : at (-) 20 °C or (-) 4°F and 19,7 bar) : 1032 kg/m<sup>3</sup>  
 Liquid/gas equivalent (1.013 bar and 15°C (per kg of solid)) : 845 vol/vol  
 Boiling point (Sublimation) : (-) 78.5°C  
 Latent heat of vapourization (1.013 bar at boiling point) : 571.08 kJ/kg  
 Vapour pressure (at 20°C or 68°F) : 58.5 bar

**Critical point**

Critical pressure : 73.825 bar  
 Critical temperature : 31°C  
 Critical density : 464 kg/m<sup>3</sup>

**Triple point**

Triple point pressure : 5.185 bar  
 Triple point temperature : (-) 56.6°C

**Miscellaneous**

Concentration in air : 0.03 vol %  
 Solubility in water (0°C (32°F) and 1.013 bar) : 1.7163 vol/vol