

Conversion Factors

Physical Constants

Avogadro Constant (N_A)

6.02252 x 10²³ molecules/mole

Normal Volume of Ideal Gas at 0°C

1 atm. (Vol)

22.4140 liters/g-mole

Gas Constant (R)

0.08205 liter atm./g-mole °K

8.314 x 10⁻⁷ ergs/g-mole °K

8.314 joules/g-mole °K

1.987 cal/g-mole °K

10.73 psia cu. ft./lb.-mole °R