

Physical Constants

Molar Gas Constant

$$R = 8.314\ 472\ \text{kJ/kmol K}$$

Charge on an Electron

$$e = 1.602\ 176 \times 10^{-19}\ \text{C}$$

Avogadro Constant

$$N_A = 6.022\ 141 \times 10^{23}\ \text{mol}^{-1}$$

*Faraday's Constant ($N_A * e$)*

$$F = 96\ 485.298\ \text{C mol}^{-1}$$

Reference:

CODATA, Physics Laboratory of the National Institute of Standards & Technology.