

Atomic Properties of the Elements

PERIODIC TABLE

Frequently used fundamental physical constants

Table of frequently used fundamental physical constants including speed of light, Planck constant, elementary charge, electron mass, proton mass, fine-structure constant, Rydberg constant, Boltzmann constant, and various physical constants like c, h, e, m_e, m_p, alpha, R_infinity, R_infinity hc, and k.

Legend for element states: Solids (white), Liquids (light blue), Gases (light green), Artificially Prepared (pink).

Main periodic table with columns for Group, Period, and element details (Symbol, Name, Atomic Number, Ground-state Level, Ground-state Configuration, Ionization Energy). Includes Lanthanides and Actinides series.

Based upon ¹²C. () indicates the mass number of the most stable isotope.

For a description of the data, visit physics.nist.gov/data

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www.nist.gov/std