Name : Beryllium

Symbol : Be

Atomic number (Z) : 4

Atomic mass : 9.0121831

Group : 2

Period : 2

block : s

Color : Slate Gray

Phase :solid

Oxidation states : +2, +1

Electronegativity : Pauling scale: 1.57

Melting point : 1560 K (1287 °C, 2349 °F)

Boiling point : 2742 K (2469 °C, 4476 °F)

Density at stp : 1.85 g/cm3

Triple point :

Critical point : 5205 K, MPa (extrapolated)

Heat of fusion : 12.2 kJ/mol

Heat of vaporization : 292 kJ/mol

Molar heat capacity : 16.443 J/(mol•K)

Ionization energies : 1st: 899.5 kJ/mol

Covalent radius : 96±3 pm

Van der Waals radius : 153 pm

Speed of sound : 12,890 m/s (at r.t.)

Crystal structure : hexagonal close-packed (hcp)

Magnetic ordering : diamagnetic

Discovery : Louis Nicolas Vauquelin (1797)

First isolation: Friedrich Wöhler & Antoine Bussy (1828)