Name : Cadmium

Symbol : Cd

Atomic number (Z) : 48

Atomic mass : 112.414

Group : 12

Period : 5

block : d

Color : Silver

Phase :solid

Oxidation states : 2, 1, -2

Electronegativity : Pauling scale: 1.69

Melting point : 594.22 K (321.07 °C, 609.93 °F)

Boiling point : 1040 K (767 °C, 1413 °F)

Density at stp : 8.65 g/cm3

Triple point :

Critical point :

Heat of fusion : 6.21 kJ/mol

Heat of vaporization : 99.87 kJ/mol

Molar heat capacity : 26.020 J/(mol•K)

Ionization energies : 1st: 867.8 kJ/mol

Covalent radius : 144±9 pm

Van der Waals radius : 158 pm

Speed of sound : 2310 m/s (at 20 °C)

Crystal structure : hexagonal close-packed (hcp)

Magnetic ordering : diamagnetic

Discovery : Karl Samuel Leberecht Hermann and Friedrich Stromeyer (1817)

Named by : Friedrich Stromeyer (1817)