Name : Zinc

Symbol : Zn

Atomic number (Z) : 30

Atomic mass : 65.38

Group : 12

Period : 4

block : d

Color : Slate Gray

Phase : solid

Oxidation states : -2, 0, +1, +2

Electronegativity : Pauling scale: 1.65

Melting point : 692.68 K (419.53 °C, 787.15 °F)

Boiling point : 1180 K (907 °C, 1665 °F)

Density at stp : 7.14 g/cm3

Triple point :

Critical point :

Heat of fusion : 7.32 kJ/mol

Heat of vaporization : 115 kJ/mol

Molar heat capacity : 25.470 J/(mol•K)

Ionization energies : 1st: 906.4 kJ/mol

Covalent radius : 122±4 pm

Van der Waals radius : 139 pm

Speed of sound : 3850 m/s (at r.t.) (rolled)

Crystal structure : hexagonal close-packed (hcp)

Magnetic ordering : diamagnetic

Discovery : Indian metallurgists (before 1000 BCE)

First isolation : Andreas Sigismund Marggraf (1746)