Name : Indium

Symbol : In

Atomic number (Z) : 49

Atomic mass : 114.818

Group : 13

Period : 5

block : p

Color : Silver

Phase :solid

Oxidation states : 3, 2, 1, -1, -2, -5

Electronegativity : Pauling scale: 1.78

Melting point : 429.7485 K (156.5985 °C, 313.8773 °F)

Boiling point : 2345 K (2072 °C, 3762 °F)

Density at stp : 7.31 g/cm3

Triple point : 429.7445 K, ~1 kPa

Critical point :

Heat of fusion : 3.281 kJ/mol

Heat of vaporization : 231.8 kJ/mol

Molar heat capacity : 26.74 J/(mol•K)

Ionization energies : 1st: 558.3 kJ/mol

Covalent radius : 142±5 pm

Van der Waals radius : 193 pm

Speed of sound : 1215 m/s (at 20 °C)

Crystal structure : tetragonal

Magnetic ordering : diamagnetic

Discovery : Ferdinand Reich and Hieronymous Theodor Richter (1863)

Named by :