Name : Titanium

Symbol : Ti

Atomic number (Z) :22

Atomic mass : 47.867

Group : 4

Period : 4

block : d

Color : Silver

Phase : solid

Oxidation states : 4, 3, 2, 1, -1, -2

Electronegativity : Pauling scale: 1.54

Melting point : 1941 K (1668 °C, 3034 °F)

Boiling point : 3560 K (3287 °C, 5949 °F)

Density at stp : 4.506 g/cm3

Triple point :

Critical point :

Heat of fusion : 14.15 kJ/mol

Heat of vaporization : 425 kJ/mol

Molar heat capacity : 25.060 J/(mol•K)

Ionization energies : 1st: 658.8 kJ/mol

Covalent radius : 160±8 pm

Van der Waals radius :

Speed of sound : 5090 m/s (at r.t.)

Crystal structure : hexagonal close-packed (hcp)

Magnetic ordering : paramagnetic

Discovery : William Gregor (1791)

Named by : Martin Heinrich Klaproth (1795)