Name:Lanthanide

Symbol: La

Atomic number(Z):57

Atomic mass:140 pm

Group:3

Period:6

block:f

Color:colorless

Phase:solid

Oxidation states:6,5,4,3,2,1,-1,-2

Electronegative:pauling scale:2.0

Melting point:272.66k

Boiling point:1261k

Density at stp:6.76g/cm

Triple point:-03.76 k

Critical point:19.5 k

Heat of fusion:20.49 kj/mol

Heat of vaporization:95.1 kj/mol

Molar heat capacity:25.73 j/(mol.k)

Ionization energies:1st:869.3 kj/mol

Covalant radius:183+4 pm

Van der waals radius:206 pm

Speed of sound:2010m/s

Cristal structure:hexagonal

Magnetic ordering:diamagnetic

Discovery:1955

Named:Ferdinand Zirkel