Name:Cerium

Symbol: Ce

Atomic number(Z):58

Atomic mass:181.8 pm

Group:n/a

Period:6

block:f

Color:silvery white

Phase:solid

Oxidation states:4,3,2,1

Electronegative:pauling scale:2.8

Melting point:1068k

Boiling point:3716k

Density at stp:6.770g/cm

Triple point:-09.76 k

Critical point:1.59 k

Heat of fusion:5.46 kj/mol

Heat of vaporization:3.98 kj/mol

Molar heat capacity:500.0j/(mol.k)

Ionization energies:1st:534.5 kj/mol

Covalant radius:133+4 pm

Van der waals radius:206 pm

Speed of sound:2210m/s

Cristal structure:hexagonal

Magnetic ordering:diamagnetic

Discovery:1803

Named:Martin Heinrich Klaproth