Name:Lutetium

Symbol:Lu

Atomic number(Z):71

Atomic mass:176pm

Group:n/a

Period:6

block:d

Color:silvery white

Phase:solid

Oxidation states:3,2,1

Electronegative:pauling scale:1.25

Melting point:1995k

Boiling point:3675k

Density at stp:9.841g/cm

Triple point:2.08k

Critical point:4.63 k

Heat of fusion:22 kj/mol

Heat of vaporization:414 kj/mol

Molar heat capacity:26.8 j/(mol.k)

Ionization energies:1st:523kj/mol

Covalant radius:187+10 pm

Van der waals radius:788pm

Speed of sound:2000m/s

Cristal structure:hexagonal close-packed

Magnetic paramagnatic

Discovery:1906

Named:Per Georges Urbain