Name:Yiterbium

Symbol:Yb

Atomic number(Z):70

Atomic mass:176pm

Group:n/a

Period:6

block:f

Color:silvery white

Phase:solid

Oxidation states:3,2,1

Electronegative:pauling scale:1.26

Melting point:1097k

Boiling point:1469k

Density at stp:6.90g/cm

Triple point:7.98k

Critical point:1.89 k

Heat of fusion:7.66 kj/mol

Heat of vaporization129 kj/mol

Molar heat capacity:26.74 j/(mol.k)

Ionization energies:1st:596kj/mol

Covalant radius:187+10 pm

Van der waals radius:788pm

Speed of sound:2110m/s

Cristal structure:hexagonal close-packed

Magnetic paramagnatic

Discovery:1878

Named:Georges Urbain