Name:Iridium

Symbol:Ir

Atomic number(Z):77

Atomic mass:187pm

Group:7

Period:6

block:d

Color: silvery

Phase:solid

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

Electronegative:pauling scale:1.6

Melting point:2342k

Boiling point:3452k

Density at stp:8.22g/cm

Triple point:.74

Critical point:9\082 k

Heat of fusion:9.00 kj/mol

Heat of vaporization:765kj/mol

Molar heat capacity:8556 j/(mol.k)

Ionization energies:1st:227kj/mol

Covalant radius:125+5pm

Van der waals radius:12pm

Speed of sound:1\000m/s

Cristal structure:body centered cubic

Magnetic paramagnatic

Discovery:1789

Named:Solvin