Name:Osmium

Symbol:Os

Atomic number(Z):76

Atomic mass:144pm

Group:6

Period:6

block:d

Color: silvery

Phase:solid

Oxidation states:8,7,6,5,4,3,2,1,-1,-2,-3

Electronegative:pauling scale:1.8

Melting point:2765k

Boiling point:7764k

Density at stp:9.89g/cm

Triple point:.76

Critical point:982 k

Heat of fusion:9.332 kj/mol

Heat of vaporization:762kj/mol

Molar heat capacity:8876 j/(mol.k)

Ionization energies:1st:457kj/mol

Covalant radius:165+7 pm

Van der waals radius:78pm

Speed of sound:1\200m/s

Cristal structure:body centered cubic

Magnetic paramagnatic

Discovery:1803

Named:Simithson