Name:Hafnium

Symbol:Hf

Atomic number(Z):72

Atomic mass:159pm

Group:4

Period:6

block:d

Color:steel gray

Phase:solid

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

Electronegative:pauling scale:1.3

Melting point:2506k

Boiling point:3070k

Density at stp:13.311g/cm

Triple point:2.90

Critical point:4.0 k

Heat of fusion:27.3 kj/mol

Heat of vaporization:714 kj/mol

Molar heat capacity:2.8 j/(mol.k)

Ionization energies:1st:175kj/mol

Covalant radius:106+10 pm

Van der waals radius:88pm

Speed of sound:2090m/s

Cristal structure:hexagonal close-packed

Magnetic paramagnatic

Discovery:1922

Named:Per George de Hevery