Name:Protactiniun

Symbol:Pa

Atomic number(Z):91

Atomic mass:100pm

Group:n/a

Period:7

block:f

Color: silvery

Phase:solid

Oxidation states:2,3,4,5

Electronegative:pauling scale:1.0

Melting point:9284k

Boiling point:8264k

Density at stp:1.87g/cm

Triple point:.2.94

Critical point:2.39 k

Heat of fusion:0.198kj/mol

Heat of vaporization:1.907kj/mol

Molar heat capacity:9284(mol.k)

Ionization energies:1st:4.09kj/mol

Covalant radius:0.92m

Van der waals radius:29pm

Speed of sound:899m/s

Cristal structure:body centered cubic

Magnetic paramagnatic

Discovery:1917

Named:Otto Hahn