Name:Platinum

Symbol:Pt

Atomic number(Z):78

Atomic mass:137pm

Group:7

Period:6

block:d

Color: silvery gray

Phase:solid

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

Electronegative:pauling scale:1.7

Melting point:2432k

Boiling point:3542k

Density at stp:2.62g/cm

Triple point:.65

Critical point:2.882 k

Heat of fusion:9800 kj/mol

Heat of vaporization:985kj/mol

Molar heat capacity:3456 j/(mol.k)

Ionization energies:1st:577kj/mol

Covalant radius:15525pm

Van der waals radius:43pm

Speed of sound:1\430m/s

Cristal structure:body centered cubic

Magnetic paramagnatic

Discovery:1720

Named:Antonio de Uiioa