Name:Tanialum

Symbol:Ta

Atomic number(Z):73

Atomic mass:159pm

Group:5

Period:6

block:d

Color: gray biue

Phase:solid

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

Electronegative:pauling scale:1.5

Melting point:3290k

Boiling point:5731k

Density at stp:16.69g/cm

Triple point:2.0

Critical point:760 k

Heat of fusion:36.57 kj/mol

Heat of vaporization:735kj/mol

Molar heat capacity:25.36 j/(mol.k)

Ionization energies:1st:761kj/mol

Covalant radius:170+10 pm

Van der waals radius:54pm

Speed of sound:1239m/s

Cristal structure:body centered cubic

Magnetic paramagnatic

Discovery:1844

Named:Per Herinrich Rose