Name:Thallium

Symbol:Ti

Atomic number(Z):81

Atomic mass:104pm

Group:7

Period:6

block:d

Color: silvery

Phase:solid

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

Electronegative:pauling scale:1.5

Melting point:9387k

Boiling point:6846k

Density at stp:9.67g/cm

Triple point:.66.8

Critical point:2.98 k

Heat of fusion:7580 kj/mol

Heat of vaporization:345kj/mol

Molar heat capacity:737 j/(mol.k)

Ionization energies:1st:537kj/mol

Covalant radius:4.65m

Van der waals radius:23pm

Speed of sound:1\9785m/s

Cristal structure:body centered cubic

Magnetic paramagnatic

Discovery:1942

Named:Ullo de Hari