Name:Terbium

Symbol: Tb

Atomic number(Z):65

Atomic mass:181.8 pm

Group:n/a

Period:6

block:f

Color:silvery white

Phase:solid

Oxidation states:4,3,2,1

Electronegative:pauling scale:1.2

Melting point:1629k

Boiling point:3396k

Density at stp:8.23g/cm

Triple point:-0.76 k

Critical point:2.59 k

Heat of fusion:10.15 kj/mol

Heat of vaporization:391kj/mol

Molar heat capacity:28.91j/(mol.k)

Ionization energies:1st:565.5 kj/mol

Covalant radius:194+4 pm

Van der waals radius:106 pm

Speed of sound:2010m/s

Cristal structure:hexagonal close packed

Magnetic ordering:diamagnetic

Discovery:1842

Named:Curl Gustaf Mosander