Name:Praseodymium

Symbol: Pr

Atomic number(Z):59

Atomic mass:64.8 pm

Group:n/a

Period:6

block:f

Color:grayish white

Phase:solid

Oxidation states:5,4,3,2

Electronegative:pauling scale:1.13

Melting point:1208k

Boiling point:3403k

Density at stp:6.77g/cm

Triple point:-02.56 k

Critical point:1.27 k

Heat of fusion:6.89 kj/mol

Heat of vaporization:311 kj/mol

Molar heat capacity:27.20j/(mol.k)

Ionization energies:1st:527.5 kj/mol

Covalant radius:203+7 pm

Van der waals radius:306 pm

Speed of sound:1800m/s

Cristal structure:double hexagonal

Magnetic ordering:paramagnatic

Discovery:1885

Named:Carl auer von Welsbach