Name: Promethium

Symbol: Pm

Atomic number(Z):61

Atomic mass:183 pm

Group:n/a

Period:6

block:f

Color:metallic

Phase:solid

Oxidation states:3,2

Electronegative:pauling scale:1.13

Melting point:1315k

Boiling point:3273k

Density at stp:7.26g/cm

Triple point:-04.00 k

Critical point:1.23k

Heat of fusion:7.13 kj/mol

Heat of vaporization:289 kj/mol

Molar heat capacity:3.45j/(mol.k)

Ionization energies:1st:533 kj/mol

Covalant radius:540+7 pm

Van der waals radius:231pm

Speed of sound:4000m/s

Cristal structure: hexagonal

Magnetic ordering:paramagnatic

Discovery:1942

Named:Grace Mary coryell