Name:Berkelium

Symbol:Bk

Atomic number(Z):97

Atomic mass:180pm

Group:n/a

Period:7

block:f

Color: colorless

Phase:solid

Oxidation states:5,4,5,6,7,

Electronegative:pauling scale:1.3

Melting point:645k

Boiling point:7986k

Density at stp:1.40g/cm

Triple point:.9367

Critical point:2.443 k

Heat of fusion:24584kj/mol

Heat of vaporization:2635kj/mol

Molar heat capacity:836mol.k)

Ionization energies:1st;836kj/mol

Covalant radius:2.37m

Van der waals radius:89pm

Speed of sound:462m/s

Cristal structure:body centered cubic

Magnetic paramagnatic

Discovery:1887

Named:Ochinya