Name:Erbium

Symbol:Er

Atomic number(Z):68

Atomic mass:176pm

Group:n/a

Period:6

block:f

Color:silvery white

Phase:solid

Oxidation states:3,2,1

Electronegative:pauling scale:1.24

Melting point:1802k

Boiling point:3141k

Density at stp:9.066g/cm

Triple point:109.0k

Critical point:10.99 k

Heat of fusion:19.90 kj/mol

Heat of vaporization:280 kj/mol

Molar heat capacity:28.12 j/(mol.k)

Ionization energies:1st:589kj/mol

Covalant radius:189+2 pm

Van der waals radius:768pm

Speed of sound:2000m/s

Cristal structure:hexagonal close-packed

Magnetic paramagnatic

Discovery:1842

Named:Carl Gustaf Mosandar