Name:Astatine

Symbol:At

Atomic number(Z):85

Atomic mass:145pm

Group:17

Period:6

block:p

Color: silvery

Phase:solid

Oxidation states:,5,,4,3,2,,-1,-2

Electronegative:pauling scale:2.2

Melting point:7632k

Boiling point:9230k

Density at stp:8.00g/cm

Triple point:.3.90

Critical point:0.98 k

Heat of fusion:1279kj/mol

Heat of vaporization:842.0kj/mol

Molar heat capacity:26.4/(mol.k)

Ionization energies:1st:9.23kj/mol

Covalant radius:2.79m

Van der waals radius:67pm

Speed of sound:1219m/s

Cristal structure:body centered cubic

Magnetic paramagnatic

Discovery:1940

Named:Em