Name : Sodium

Symbol : Na

Atomic number (Z) : 11

Atomic mass : 22.98976928

Group : 1

Period : 3

block : s

Color : Silver

Phase :solid

Oxidation states : +1, -1

Electronegativity : Pauling scale:

Melting point : 370.944 K (97.794 °C, 208.029 °F)

Boiling point : 1156.090 K (882.940 °C, 1621.292 °F)

Density at stp : 0.968 g/cm3

Triple point :

Critical point : 2573 K, 35 MPa

Heat of fusion : 2.60 kJ/mol

Heat of vaporization : 97.42 kJ/mol

Molar heat capacity : 28.230 J/(mol•K)

Ionization energies : 1st: 495.8 kJ/mol

Covalent radius : 166±9 pm

Van der Waals radius : 227 pm

Speed of sound : 3200 m/s (at 20 °C)

Crystal structure : body-centered cubic (bcc)

Magnetic ordering : paramagnetic

Discovery : Humphry Davy (1807)

First isolation: Humphry Davy (1807)