Name : Calcium

Symbol : Ca

Atomic number (Z) : 20

Atomic mass : 40.078

Group : 2

Period : 4

block : s

Color : Silver

Phase :solid

Oxidation states : +2, +1, -1

Electronegativity : Pauling scale: 1.00

Melting point : 1115 K (842 °C, 1548 °F)

Boiling point : 1757 K (1484 °C, 2703 °F)

Density at stp : 1.55 g/cm3

Triple point :

Critical point :

Heat of fusion : 8.54 kJ/mol

Heat of vaporization : 154.7 kJ/mol

Molar heat capacity : 25.929 J/(mol•K)

Ionization energies : 1st: 589.8 kJ/mol

Covalent radius : 176±10 pm

Van der Waals radius : 231 pm

Speed of sound : 3810 m/s (at 20 °C)

Crystal structure : face-centered cubic (fcc)

Magnetic ordering : diamagnetic

Discovery : Humphry Davy (1808)

Named by :