Name : Selenium

Symbol : Se

Atomic number (Z) : 34

Atomic mass : 78.971

Group : 16

Period : 4

block : p

Color : Gray

Phase : Solid

Oxidation states : 6, 5, 4, 3, 2, 1, -1, -2

Electronegativity : Pauling scale: 2.55

Melting point : 494 K (221 °C, 430 °F)

Boiling point : 958 K (685 °C, 1265 °F)

Density at stp : gray: 4.81 g/cm3

alpha: 4.39 g/cm3

vitreous: 4.28 g/cm3

Triple point :

Critical point : 1766 K, 27.2 MPa

Heat of fusion : gray: 6.69 kJ/mol

Heat of vaporization : 95.48 kJ/mol

Molar heat capacity : 25.363 J/(mol•K)

Ionization energies : 1st: 941.0 kJ/mol

Covalent radius : 120±4 pm

Van der Waals radius : 190 pm

Speed of sound : 3350 m/s (at 20 °C)

Crystal structure : hexagonal

Magnetic ordering : diamagnetic

Discovery : Jöns Jakob Berzelius

Naming : after Selene, Greek goddess of the moon