Name : Lithium

Symbol : Li

Atomic number (Z) : 3

Atomic mass : 6.941

Group : 1

Period : 2

block : s

Color : Silver

Phase :solid

Oxidation states : +1

Electronegativity : Pauling scale: 0.98

Melting point : 453.65 K (180.50 °C, 356.90 °F)

Boiling point : 1603 K (1330 °C, 2426 °F)

Density at stp : 0.534 g/cm3 when liquid,

Triple point :

Critical point : 3220 K, 67 MPa

Heat of fusion : 3.00 kJ/mol

Heat of vaporization : 136 kJ/mol

Molar heat capacity : 24.860 J/(mol•K)

Ionization energies : 1st: 520.2 kJ/mol

Covalent radius : 128±7 pm

Van der Waals radius : 182 pm

Speed of sound : 6000 m/s (at 20 °C)

Crystal structure : body-centered cubic (bcc)

Magnetic ordering : paramagnetic

Discovery : Johan August Arfwedson (1817)

First isolation : William Thomas Brande (1821)