Name : Scandium

Symbol : Sc

Atomic number (Z) : 21

Atomic mass : 44.955908

Group : 3

Period : 4

block : d

Color : Silver

Phase :solid

Oxidation states : 1,2,3

Electronegativity : Pauling scale: 1.36

Melting point : 1814 K (1541 °C, 2806 °F)

Boiling point : 3109 K (2836 °C, 5136 °F)

Density at stp : 2.985 g/cm3

Triple point :

Critical point :

Heat of fusion : 14.1 kJ/mol

Heat of vaporization : 332.7 kJ/mol

Molar heat capacity : 5.52 J/(mol•K)

Ionization energies : 1st: 633.1 kJ/mol

Covalent radius : 170±7 pm

Van der Waals radius : 211 pm

Speed of sound :

Crystal structure : hexagonal close-packed (hcp)

Magnetic ordering : paramagnetic

Discovery : Lars Fredrik Nilson (1879)

Named by : Scandinavia