Name : Manganege

Symbol : Mn

Atomic number (Z) : 25

Atomic mass : 54.938044

Group : 7

Period : 4

block : d

Color : Silver

Phase :solid

Oxidation states : 7, 6, 5, 4, 3, 2, 1, -1, -2, -3

Electronegativity : Pauling scale: 1.55

Melting point : 1519 K (1246 °C, 2275 °F)

Boiling point : 2334 K (2061 °C, 3742 °F)

Density at stp : 7.21 g/cm3

Triple point :

Critical point :

Heat of fusion : 12.91 kJ/mol

Heat of vaporization : 221 kJ/mol

Molar heat capacity : 26.32 J/(mol•K)

Ionization energies : 1st: 717.3 kJ/mol

Covalent radius : Low spin: 139±5 pm

High spin: 161±8 pm

Van der Waals radius :

Speed of sound : 5150 m/s (at 20 °C)

Crystal structure : body-centered cubic (bcc)

Magnetic ordering : paramagnetic

Discovery : Torbern Olof Bergman (1770)

Named by :