Name : Rutherfordium

Symbol : Rf

Atomic number (Z) : 104

Atomic mass : 267

Group : 4

Period : 7

block : d

Color :

Phase : solid

Oxidation states : 4,3,2

Electronegativity :

Melting point : 2400 K (2100 °C, 3800 °F) (predicted)

Boiling point : 5800 K (5500 °C, 9900 °F) (predicted)

Density at stp : 23.2 g/cm3 (predicted)

Triple point :

Critical point :

Heat of fusion :

Molar heat capacity :

Ionization energies : 1st: 579.9 kJ/mol

Covalent radius : 157 pm

Van der Waals radius :

Speed of sound :

Crystal structure : hexagonal close-packed

Magnetic ordering :

Discovery : Joint Institute for Nuclear Research (1964)

Named by : after Ernest Rutherford