

CHEMISTRY - IONIC BONDS

Ionic bonds are chemical bonds between the atoms to form a molecule or a compound.

Ionic bonds are made between a metal and a nonmetal.

The metal will donate an electron and become a positive ion.

The non-metal will receive an electron and become a negative ion.

PROPERTIES OF IONIC COMPOUNDS

- a) Exists as a solid in room temperature
- b) High melting boiling point due to stronger forces of attraction between oppositely charged ions.
- c) Can conduct electricity because of the presence of free mobile ions but only in aqueous / molten state.
- d) Soluble in water.

EXAMPLES OF GIANT IONIC STRUCTURES

- a) Sodium chloride (NaCl)
- b) Magnesium oxide (MgO)

Preview from Notesale.co.uk
Page 1 of 1