

Product Code . EDS-MM-10994

Shapes of Molecules Set

Description

The different shapes are examples of the orientations of the bonds and cover coordination numbers 1 to 6.




The orbital 8 model collection set contains sufficient parts to make the eight atomic models Jainco Export shown in the picture.

Jainco Export Lone pairs are represented by brown spheres or brown pear shaped parts.

The 2 extra pear shaped parts are included in the set to enable protonated models to be made.

e.g. Acid/Base theory, the formation of H_3O^+ as a result of the migration of H^+ from hydrogen chloride.

Models: linear, HCl (hydrogen chloride); linear, BeCl_2 (beryllium chloride); Bent, H_2O (water); trigonal planar, BH_3 (boron trihydride); Pyramidal, NH_3 (ammonia); tetrahedral, CH_4 (methane); trigonal bipyramidal, PCl_5 (phosphorus pentachloride); Octahedral, SF_6 (sulphur hexafluoride).

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