Email : sales@scilabexport.com
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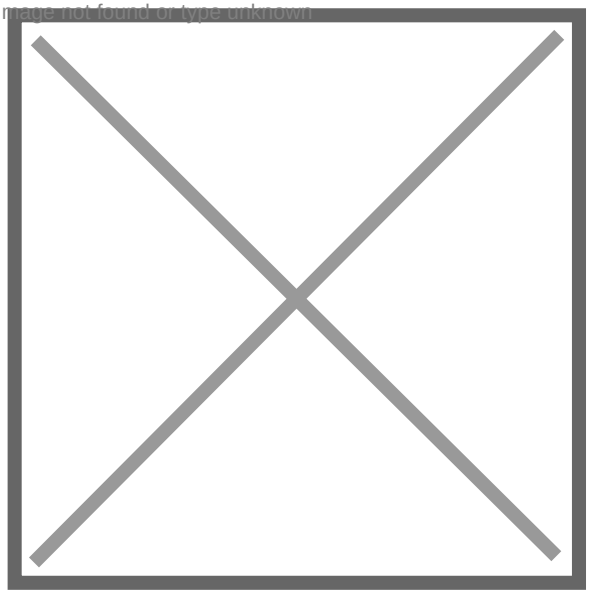
Product Name :

Molecular Model Set – Benzene C6H6, Hybridized

Product Code :

SLE/Mo/22

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Description :

Molecular Model Set – Benzene C6H6, Hybridized (Product Code: SLE/Mo/22) is a benzene model set used to represent the hybridised bonding of the benzene ring in organic chemistry teaching. Teachers and students at all levels use it to turn the idea of a delocalised aromatic ring into something they can hold, and the kit arrives in a durable storage case with compartmentsthat keep parts separated. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, anOEM manufacturer, at its own factory in Ambala, India.

Key Details

Parameter	Detail
Molecule	Benzene, C6H6
Representation	Hybridized
Parts	Produced from precision-engineered moulds and materials
Joining pieces	Designed so assembled models stay firmly together when passed around during a lesson
Storage	Durable storage case with compartments for segregating parts
Suitable for	Students at all levels
Product code	SLE/Mo/22
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Benzene Hybridized Model Set Used For?

In benzene, each of the six carbon atoms is sp2 hybridised: three hybrid orbitals form sigma bonds to two neighbouring carbons and one hydrogen, giving a flat hexagonal ring. The remaining p orbital on each carbon overlaps sideways with its neighbours, spreading six electrons evenly around the ring. A hybridized benzene model gives students a physical reference for this picture, which explains why all the carbon–carbon bonds in benzene have the same length.

Pass the assembled model around the class while you discuss resonance and aromatic stability; the joining pieces are designed to hold together during handling. Return the parts to their compartments after the lesson so the set is complete for the next group. For chemistry departments looking for a molecular model for chemistry teaching in India and abroad, it pairs naturally with the unhybridized version for a side-by-side comparison.

What to Specify When Ordering

- Whether you need this hybridized set, the Molecular Model Set – Benzene C6H6, Unhybridized, or both for comparison.
- The number of sets required for each laboratory or classroom.
- Your institution name and delivery city or country for the quotation.

OEM

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