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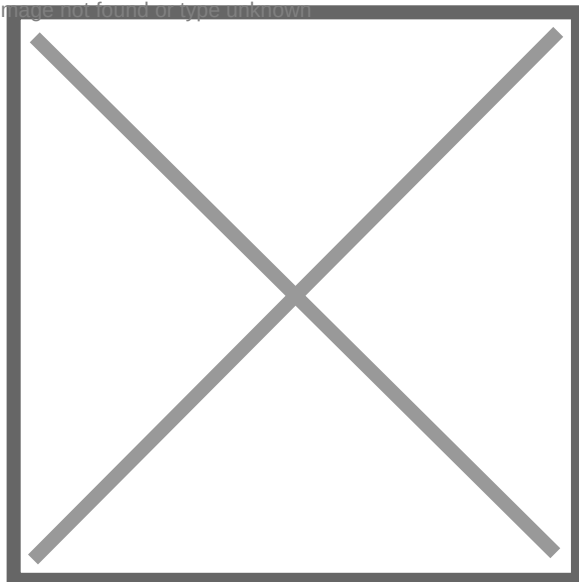
Product Name :

Hybrid Orbital Chart

Product Code :

SCL-549/024

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Description :

Hybrid Orbital Chart (Product Code: SCL-549/024) is a wall chart depicting the different types of hybridisation, used to explain how atomic orbitals mix before bonding and why molecules take their shapes in senior secondary and college chemistry. Teachers use it alongside orbital and molecular models so students can compare a flat diagram with a three-dimensional structure. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, as part of its range of chemistry lab equipment in India.

Key Details

Parameter	Detail
Type	Teaching wall chart
Content	Depicts different types of hybridisation
Purpose	Teaching orbital hybridisation, bonding and molecular shape
Suitable for	Chemistry classrooms and laboratories
Size and material	Please confirm with us before ordering
Product code	SCL-549/024
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Hybrid Orbital Chart Used For?

Hybridisation links the electron arrangement of a single atom to the geometry of the molecule it forms, for example why methane is tetrahedral while ethene is flat and ethyne is linear. With the chart on the wall, a teacher can move from atomic orbitals to hybrid orbitals to bond angles in one continuous explanation, and students can keep checking the picture as they work through examples. It is equally useful for revision before examinations.

The lesson becomes more concrete when the chart is used with three-dimensional orbital models or a model set for organic structures: students look at the flat diagram, then hold the matching model and see the same angles in space. It sits well with the rest of a school's chemistry lab equipment in India; store it rolled in a dry place away from direct sunlight when it is not on display.

Supplier

Jain Scientific Equipments Private Limited, trading as ScienceLab from Ambala, Haryana, supplies the Hybrid Orbital Chart together with orbital models and other chemistry teaching aids. Institutions and distributors in India and international markets can order the chart and matching models on one quotation. Read more on our [company profile](#).

Related Chemistry Lab Equipment

These models and charts support the same lessons on orbitals and molecular shape:

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