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Product Name :

Molecular Model Set with 76 Plastic Spheres

Product Code :

SLE/Mo/05



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Description :

Molecular Model Set with 76 Plastic Spheres (Product Code: SLE/Mo/05) is a ball-and-spoke model set used to build organic, inorganic and crystal structure models in school and college chemistry. It contains 76 plastic spheres, 23 mm in diameter except for 30 smaller 17 mm hydrogen models, with 102 plastic connecting rods in a durable storage case. This molecular model set for organic chemistry is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Spheres	76, plastic
Sphere size	23 mm diameter; the 30 hydrogen models are 17 mm
Connecting rods	102, plastic
Model style	Ball-and-spoke
Builds	Most organic molecules, crystal structure models and the usual inorganic molecular models
Storage	Durable storage case
Product code	SLE/Mo/05
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the 76-Sphere Molecular Model Set Used For?

Ball-and-spoke models keep the atoms apart on visible rods, which makes bond angles and three-dimensional shapes easy to read from any direction. With 30 hydrogen spheres and larger spheres for the other atoms, the set builds several hydrocarbons, alcohols, acids and other organic molecules at once, so a group can compare related compounds on the same bench. The smaller 17 mm hydrogens also show clearly how hydrogen atoms crowd around a carbon skeleton.

Beyond organic chemistry, the spheres and 102 rods can be arranged into repeating units to model crystal structures, and into familiar inorganic molecules such as water, ammonia and carbon dioxide. Count the spheres and rods back into the storage case at the end of each lesson; a set with a known count is quick to check for missing parts.

OEM Manufacturer

Jain Scientific Equipments Private Limited (CIN U29309HR2020PTC087597), which trades as ScienceLab, is the OEM (original equipment manufacturer) of this molecular model set. Production takes place at the company's licensed factory at 449, HSIIDC Industrial Area, Saha, Amba rs in India manu