Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Atom Molecular Models Set

Product Code :

SLE/Mo/03



Description :

Atom Molecular Models Set (Product Code: SLE/Mo/03) is a ball-and-connector model set used to build molecular and crystal models of organic compounds in school and college chemistry. Its PP atoms in white, red, black, grey and light blue link with LDPE connectors in white, purple, grey and light blue, and the set is packed in an ABS box. This molecular model set for chemistry teaching in India is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Atom material	PP (polypropylene)
Connector material	LDPE (low-density polyethylene) connecting keys
Box	ABS packing box
Atom colours	White, red, black, grey, light blue
Connector colours	White, purple, grey, light blue
Model types	Molecular models and crystal models
Compoundfamilies	Aliphatic and aromatic hydrocarbons, alcohols, aldehydes, ketones, carboxylic acids, esters, ethers, amines, amides, halogen compounds, sugars, fats, amino acids, alkaloids and most other organic families
Concepts	Stereoisomerism, conformational analysis, links between molecular structure and physical and chemical properties
Product code	SLE/Mo/03
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Atom Molecular Models Set Used For?

Because the set covers nearly every family in an organic syllabus, one box can take a class from simple alkanes and alcohols through esters and amides to sugars, fats and amino acids. Building two molecules with the same formula but different arrangements makes isomerism concrete, and rotating a model about a single bond shows the staggered and eclipsed forms behind conformational analysis.

Relating a model's shape to real behaviour, such as why a branched alkane boils lower than its straight-chain isomer or why alcohols form hydrogen bonds, helps students connect structure with physical and chemical properties. As versatile chemistry lab equipment for schools and colleges, the set also builds crystal models, bridging organic work and solid-state chemistry. Agree the atom colour convention with students at the start of each unit, since colour codes differ between textbooks and kits.

OEM

Scien nal