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

Product Name :

Friction Rod, Nylon

Product Code :

SLE/PHY/179



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Description :

Friction Rod, Nylon (Product Code: SLE/PHY/179) is a synthetic charging rod used to produce static charge by rubbing in school and college electrostatics experiments. The nylon rod is 300 mm long and 13 mm in diameter, a comfortable size for students to hold while charging it and bringing it near an electroscope or pith ball. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer of school physics lab equipment in India, at its own factory in Ambala.

Specifications

Parameter	Detail
Material	Nylon
Length	300 mm
Diameter	13 mm
Use	Electrostatics experiments
Product code	SLE/PHY/179
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Nylon Friction Rod Used For?

Nylon sits at a different place in the triboelectric series from glass, acrylic and ebonite, so adding a nylon rod to a set lets students test which materials gain or lose electrons when rubbed. Once charged with a cloth it will deflect an electroscope, pick up paper scraps or bend a thin stream of tap water — simple, memorable electrostatics for any physics experiment kit at school.

A smooth, clean surface charges best, so wipe off fingerprints before use and keep the rod dry. Label rods by material in the storage tray so groups can repeat their comparisons in later lessons.

OEM Manufacturer

Jain Scientific Equipments Private Limited, trading as ScienceLab, is the OEM that makes this nylon rod at its own licensed factory in Saha, Ambala, Haryana, and supplies it straight to schools, colleges, dealers and importers. For supplier onboarding, the company's GSTIN is 06AAECJ8618A1ZT and its Legal Entity Identifier (LEI) is 3358004HRD1JIVXKYX49. See our company profile for more.

Related Physics Lab Equipment

Other rods, a rubbing cloth and apparatus that use a charged rod:

- Friction Rod, Perspex — acrylic rod to compare with nylon.
- Friction Rod, Brass/Ebonite — traditional ebonite-based rod for a further comparison.
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Find