



Epoxy Resin Glass Fiber Cloth Rod



Product & Introduction

Diameter: 0.4" - 7.9"

Length: 39.4"

Tolerance Range: International Standard

Epoxy glass fiber cloth laminated rod is one of the insulating rods with a circular cross-section, created by fiberglass cloth impregnated with epoxy resin under hot pressing of molding. It has higher mechanical strength, dielectric property, and excellent Machinability.

Epoxy glass fiber cloth rods can be used for insulating structural components, screw processing parts in electrical equipment, and can be used in humid conditions and transformer oil.



Series of insulating board processing products

Technical & Data

Items		Unit	Typical Values
Density		g/cm ³	1.75~2.00
Bending strength		MPa	≧350
Tensile strength		MPa	≧200
Parallel layer insulation resistance	Normal state	Ω	≧1.0×10 ¹⁰
	After 24 hours of immersion		≧1.0×10 ⁷
Parallel layer breakdown voltage (90℃±2℃transformer oil)		KV	≧15
Standard diameter	Deviation	Length	Deviation
8~12	±0.5	450~900	±15
>12~16	±0.7	900~1250	±25
>16~28	±1.0	Diameter	Warping degree
>28~45	±1.5	5~6	≦2.0
>45~65	±2.0	6~19	≦1.0
>65~100	±2.3	>19	≦1.5



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