

Pultruded Fiberglass Rods - Square, Hexagonal, and Round

These pultruded fiberglass rods offer exceptional resistance to mechanical pressure and tension, achieving tensile strength above 1500MPa. Their excellent electrical performance makes them suitable for various voltage levels in power applications.



Product Overview

High-Performance Epoxy Fiberglass Rods

These precision-engineered fiberglass rods are manufactured using an advanced vacuum pressure injection and pultrusion process. By combining high-strength glass fiber with epoxy resin cured under heat and pressure, these profiles achieve exceptional structural integrity and chemical resistance. They are specifically designed for demanding industrial environments that require superior electrical insulation and mechanical reliability.

Technical Specifications

Production Method	Vacuum pressure injection epoxy pultrusion
Available Cross-Sections	Square, Hexagonal, Round

Performance Features

Key Performance Attributes

1 Grade

High Strength

1 Excellent

Wear Resistance

1 Excellent

High Temp Performance

Chemical Resistance

- Acid resistant
- Alkali resistant

Applications

Primary Power Industry Applications

- Transformers
- Capacitors
- Reactors
- High voltage switches
- Vacuum circuit breakers

Certifications

Compliance and Standards

CQC • CNAS • SGS • KEMA