

Heat resistant epoxy fiberglass tension rods Copper core epoxy tension fiberglass rods

● **Description:**

1. Heat resistant epoxy fiberglass tension rods、tension and winding composite rods  
 The tension rods which ranges from 10 mm to 80 mm diameter has widely been .

2. Epoxy glass cloth winding tube

The glass cloth developed according to the customer's requirement has the higher mechanical strength and better electric performance

3. Acid corrosion resistant and heat resistant epoxy fiberglass tension rods

The product is based on the heat resistant tension rods, but the polymer matrix fiberglass is imported from foreign countries. The tension rods has accorded with the standard JB5892-91 and the technical condition about 500kV organic composite insulator of the National Electric Net Construction Compan

● **Application:**

used in composite insulating products, such as silicon rubber composite insulator, post, tower cross arm, drop-out switch, isolating switch, insulator for railway traction line ,SUSPENSION INSULATORS SUSPENSION INSULATOR PIN TYPE INSULATORS APPARATUS INSULATORS CAP AND PIN TYPE STATION POST INSULATORS OLID ORE TYPE STATION POST INSULATORS MULTICORP TYPE LINE POST NSULATORS ORGANIC PIN TYPE INSULATOR CSI SURGE ARRESTERS BUSHING NSULATORS FOR TRANSFORMERS BUSHING

Specifications for composite insulator core rod			
No.	Properties	Unit	Specifications
1	Density ( 20 ± 2 °C )	g/cm <sup>3</sup>	≥ 20
2	Water absorption	%	≤ 005
3	Tension strength	MPa	≥ 1200
4	Flexural strength	MPa	≥ 600
5	Dye penetration test	min	≥ 15
6	Water diffusion test (NaCl boiling 100h, 12KV, 1min)	mA	≤ 1
7	Shear strength	MPa	≥ 50
8	A.C. breakdown voltage	KV/cm	≥ 50
9	Total current impulse voltage	KV/cm	≥ 95
10	Hot flexural strength	MPa/150 °C	≥ 300
11	Stress corrosion (1m/dHNO <sup>3</sup> , 3 16Mpa stress)	h	≥ 100

