

Bhagawati Gas Limited

Epoxy Rod

We are producing the fiberglass epoxy Pultruded rod and tube and winding filament tube for electrical insulator use. Our rod can be dia of 16 MM to 60MM with E-glass or ECR-Glass with excellent acid resistant. It can be withstand 10 Kv to 1000Kv high insulation and it is excellent mechanical strength.



Sl.No.	Particulars	ECR	E-glass
1.	Density	2.1g /cm ³	2.05g/ cm ³
2.	Hydro-scopicity	0.05%	0.05%
3.	Tension strength	1680 Mpa	1326Mpa
4.	Binding strength	965Mpa	900 Mpa
5.	Fuchsine test	>20 min	>20 min
6.	Stress corrosion	>168h	>100h
7.	Water diffusion test	<0.03mA	<0.03mA
8.	Compression strength	965Mpa	912Mpa
9.	Shearing strength	65Mpa	58Mpa
10.	Fibre content	>75%	>75%

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