



Epoxy Fiberglass Cloth Laminated Rod



PRODUCT PARAMETERS

| Standards | | GB/T 5132.1-2009 IEC61212-1:2006 | | | | |
|--|--------------------|----------------------------------|-------------------|-----------------|----------------|----------------|
| Chinese Name | | 3725 | 3840 | 3850 | 3851 | 850 |
| IEC | | PFCC41 | EPGC41 | BMIGC41 | - | SIGC41 |
| NEMA | | - | - | - | - | - |
| Base Material | | Cotton Cloth | Glass Fiber Cloth | | | |
| Resin | | Phenolic | Epoxy | Polyamide Imide | Diphenyl Ether | Organosilicone |
| Color | | Coffee | Yellow | Dark Brown | Dark Brown | White |
| Properties | Unit | Value | | | | |
| Density | g/m ³ | 1.2-1.3 | 1.7-1.8 | 1.7-1.8 | 1.7-1.8 | 1.6-1.75 |
| Vertical Bending Strength (normal) | MPa | ≥125 | ≥220 | ≥220 | ≥220 | ≥220 |
| Axial Compressive Strength | MPa | ≥90 | ≥175 | ≥175 | ≥175 | ≥175 |
| Parallel Breakdown Voltage (90 °C transformer oil) | Kv | ≥10 | ≥40 | ≥40 | ≥40 | ≥40 |
| Insulation Resistance after Soaking | MΩ | ≥5 | ≥1000 | ≥1000 | ≥1000 | ≥1000 |
| Dielectric Loss Factor (50Hz) | - | ≤0.03 | ≤0.03 | ≤0.03 | ≤0.03 | ≤0.03 |
| Water Absorption | mg/cm ² | ≤5 | ≤3 | ≤3 | ≤3 | ≤3 |
| Temperature Index | - | 120 | 155 | 180 | 180 | 180 |



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