



DATA SHEET

RDEG - 3840

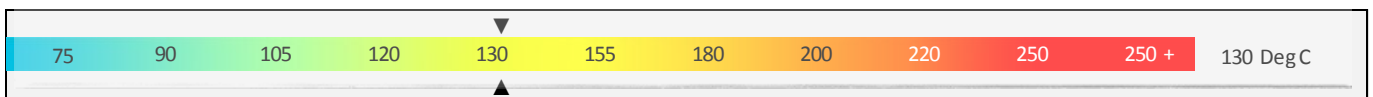
ROD, EPOXY GLASS

Type 3840 Epoxy Glass cloth laminated rods feature high mechanical and electrical properties and can be used in generators, motors, transformers and for structural components. The material is also suitable for use in transformer oil or in humid environments.



ROD

| PROPERTIES | | UNITS | EPOXY GLASS FABRIC ROD 3840 |
|--|---|-------|---|
| Density | ≥ | - | 1.75 |
| Water absorption | ≤ | % | - |
| Flexural strength | ≥ | MPa | 343.0 |
| Tensile strength | ≥ | MPa | 196.0 |
| Compressive strength | ≥ | MPa | - |
| Insulation resistance parallel to the lamination | | | 1.0x10 ¹⁰ |
| A | ≥ | Ω | 1.0x10 ⁷ |
| D-24/23 | ≥ | | |
| Breakdown voltage parallel to laminations in transformer oil | ≥ | KV | 90±2°C |
| Flammability | | - | - |
| Color | | - | Natural |
| Characteristics & Applications | | - | Good humidity resistance. For mechanical & electrical application |



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