

PRODUCT

POLYESTER GLASS



Product Description

A 50/50 mix of high grade polyester fibre yarn and pure glass thermally treated to bond to the conductor.

The glass can then be impregnated with various types of varnish or resins to meet the customers specific requirements.

Specification

To Customers Requirement.

Typical Application

- High Voltage Motors / Generators
- D C Motors / Generators
- Hermetic Motors
- Dry Type Transformers
- Resin Cast Transformers

Heat Class:

Based on varnish / resin applied
(Range from 155°C to 180°C)

Insulation Options

One layer of Polyester Glass (SDG)
Two layers of Polyester Glass (DDG)

Build Criteria

0.10mm - 0.18mm
0.19mm - 0.40mm
(Builds can be adjusted subject to Customers requirements)

Covering Options

Single, Double Polyester Glass and specialised combinations as per Customers requirements.

Varnish/Resin

Polyester Varnish
Epoxy Varnish
Silicone Varnish
B Stage Epoxy Resin

Test Criteria

Mechanical Properties
Electrical Properties
Thermal Properties
Chemical Properties

All tests conducted in accordance with the relevant Australian International Standards or customer specifications.

Data Sheet 10



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