

## **POLYESTER BONDED GLASS AND PETP FILM BACKED MICA TAPE**

### **Product**

Polyester bonded glass and PETP film backed mica tape with isophthalate alkyd varnish as the binder is a time tested tape for high-voltage generator insulation.

### **Application**

Used for insulation applications in hydro-generators and turbo-generators stator windings.

### **Technical Data**

Thickness	: 0.12 mm
Thickness Tolerance	: Average +0.02 mm and -0.01 mm Individual +0.06 and -0.04
Width	: 25 mm
Length	: 25 meter rolls
Total Substance	: 190 +/- 30 GSM
Mica Content	: 100 +/- 30 GSM
Glass Content	: 36 +/- 3 GSM
Binder Content	: 14-22%
PETP Film Content	: 15-22 GSM
Volatile Content	: 3% max.
Edge Tear Strength	: 10 Kgs min.
Break Down Voltage	: Individual 2 kV min. Average 3 kV min.

### **Finish**

The tapes shall be tightly rolled onto virgin plastic bobbins and shall have smooth and neat edges.

### **Shelf-Life**

6 months from the date of manufacture stored at below 20 Deg C.

### **Packing**

The tape shall be supplied in rolls of 50 meters and the outer diameter shall not be more than 110 mm. Ten rolls shall be stacked and packed in moisture proof paper and polythene and subsequently packed in strong wooden boxes to avoid any type of damage in transit or during storage.

*Disclaimer: The above is a typical product data sheet for reference purpose only and not intended for specification purpose.*