



MICA-PGMP-1 Tape

DESCRIPTION

MICA-PGMP-1 Tape consists of Uncalcined Muscovite Mica paper reinforced with glass cloth backing and finally sandwiched between polyester films on both sides, bonded altogether using a Silicone/Epoxy resin. The material has excellent dielectric properties. The tape is also available in sheet form for higher thickness on request.

APPLICATION

It is used to insulate the overhangs of high voltage electrical machines as well as in main insulation of copper coils/bars of motor and generators.

AVAILABILITY

Width - 20 to 1000 mm

Length - 25 to 100 m

PACKING

Tapes are packed in airtight mechanically strong boxes protecting them from dirt, dust and moisture. The packing also ensures safe transit and storage.

SHELF LIFE

12 months at 25° C

TECHNICAL DATA

Properties	Test Method	Unit	Value
Nominal Thickness	IEC 60371 - 2	mm	0.15±0.02
Total Substance	IEC 60371 - 2	g/m ²	200±15
Mica Paper	IEC 60371 - 2	g/m ²	100±7
Glass Content	IEC 60371 - 2	g/m ²	33±3
Polyester Film	IEC 60371 - 2	g/m ²	2 x 17±2
Resin Content	IEC 60371 - 2	g/m ²	32±3
Tensile Strength	IEC 60371 - 2	N/cm	≥150
Break Down Voltage	IEC 60243 - 1	kV	>6
Volatile Content	IEC 60371 - 2	%	<0.5