



II POLYESTER MICA-PAPER POLYESTER SHEET II

General Description

Polyester Mica-PaperPolyester (PGMP) is a dry, flexible electrical insulation material manufactured using epoxy resin-bonded muscovite/phlogopite mica paper laminated with polyester film. It offers excellent thermal endurance and mechanical strength, making it suitable for demanding electrical insulation applications. The material can withstand operating temperatures of more than 180°C.

Application

PGMP sheets are widely used in high-tension coils, electrical motors, generators, transformers, and other high-voltage insulation systems where thermal and dielectric reliability is critical.

Product Properties

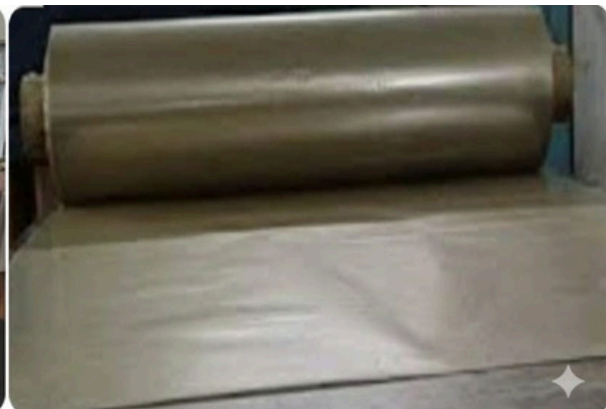
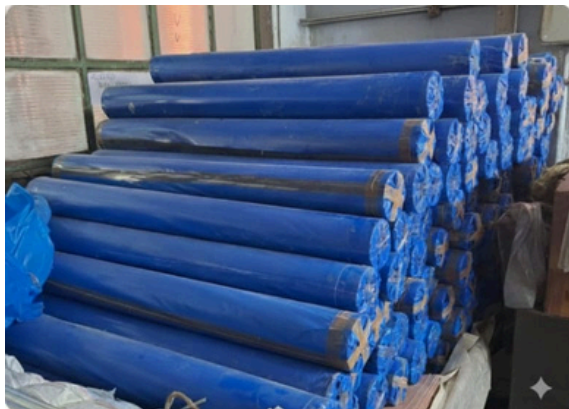
Property	Unit	Standard Value
Muscovite / Phlogopite Mica Paper	g/m ²	75 ± 4
Resin Content	g/m ²	15 ± 3
Polyester Film	g/m ²	0.35 ± 2
Tensile Strength	N/cm	≥ 30
Breakdown Voltage	kV / Layer	≥ 5
Thickness	mm	0.085 ± 0.005
Total Weight	g/m ²	90.35 ± 9

Sizes Available

Sheets: Standard size of 1000 mm

Shelf Life

12 months when stored at a standard temperature of 20°C ± 5°C.



Note

Specific customer requirements regarding size, thickness, or specifications can be catered to on