

#### GENERAL

LAMICAPGMP 22112-13 also known as Polyester Glass Mica Polyester (P.G.M.P) is manufactured by bonding Calcined Muscovite Mica Paper, glass fabric and polyester film on both side using flexible Epoxy resin. This material has a temperature index of 155 and above.

#### APPLICATION

Used as flexible insulation for electrical rotating machines. This product in tape form is suitable for both hand and machine taping. Used for insulation of end windings in the coils of High Voltage Rotating Machines. The product is free from blow holes, wrinkles, dry patches and would be uniformly impregnated and properly laminated.

#### PROPERTIES AND CHARACTERISTICS:

Characteristic	Unit	Typical Values	Test Method
Mica Paper	g/m <sup>2</sup>	75 ± 05	IEC - 60371-2
Glass Fabric	g/m <sup>2</sup>	35 ± 3	IEC - 60371-2
Polyester Film	g/m <sup>2</sup>	16 (8 x 2) ± 02	IEC - 60371-2
Resin Content	g/m <sup>2</sup>	60 ± 10	IEC - 60371-2
Thickness	mm	0.13 ± 0.02	IEC - 60371-2
Total Weight	g/m <sup>2</sup>	186 ± 20	IEC - 60371-2
Tensile Strength	N/cm	≥ 150	IEC - 60371-2
Breakdown Voltage	KV/layer	≥ 4	IEC - 60371-2

#### SUPPLY:

LAMICAPGMP 22112-13 is supplied in tape form of standard widths of 20mm and 25mm wound on 55mm ID polypropylene spools suitable for hand taping. Tapes can be on 25mm ID spools suitable for machine taping. Standard length of Roll is 50mtrs.

#### STORAGE & HANDLING INSTRUCTIONS:

LAMICAPGMP 22112-13 tapes must be kept under refrigerated condition & must be exposed to the ambient temperature (outside the polystyrene packing) for at least 6 hours prior to use. Otherwise water condensation can accumulate on the material resulting in unsatisfactory insulation.

#### SHELF LIFE

At standard temperature of 23 ± 5°C - 06 months  
 At refrigerated storage of 05°C - 12 months.

#### JOINTS:

Generally the tapes are supplied without joints. However 20% of the rolls may be supplied with one joint.

#### WORK HYGIENE:

While using LAMICAPGMP 22112-13 we recommend to follow the necessary Health & Safety Standards.

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**LIABILITY:** All the above information is based on our own research and experience. We cannot however offer any Guarantee for the information as the manufacturer himself is responsible for any article made with our product. Neither do we accept Liability for any damage which could be caused by the information given hereby

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