

#### GENERAL

LAMICAFLEX- P22212-15 also known as Polyester Glass Mica Polyester is manufactured by bonding uncalcined Mica Paper, glass fabric and polyester film both side using flexible Epoxy resin. This material has a temperature index of 155 and above.

#### APPLICATION

Used as flexible insulation for electrical rotating machinery. This is used for insulation of end windings in the coils of High Voltage Rotating Machines and also on Roebel bars. Material stick to coil due to heat generated during hot press of slot portion or in running. It will provide good insulation. 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>	120 ± 8	IEC - 60371-2
Glass Fabric	g/m <sup>2</sup>	35 ± 3	IEC - 60371-2
Polyester Film	g/m <sup>2</sup>	32 (16 x 2) ± 4	IEC - 60371-2
Resin Content	g/m <sup>2</sup>	65 ± 10	IEC - 60371-2
Thickness	mm	0.15 ± 0.03	IEC - 60371-2
Total Weight	g/m <sup>2</sup>	252 ± 25	IEC - 60371-2
Tensile Strength	N/cm	≥ 40	IEC - 60371-2
Breakdown Voltage	KV / layer	≥ 5	IEC - 60371-2

#### SUPPLY:

LAMICAFLEX P22212-15 is supplied in tape form of standard widths of 20mm and 25mm wound on 55mm ID polypropylene spools suitable for hand taping. Standard length of Roll is 50mtrs.

#### STORAGE & HANDLING INSTRUCTIONS:

LAMICAFLEX P 22212-15 tapes must be kept under refrigerated condition & must be exposed to the ambient temperature (outside the polystyrene packing) for at least 2 hours prior to use.

#### 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 LAMICAFLEX- P22212-15 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

#### Lakshmanan Isola Pvt. Ltd.

Works: Achalu, Ramanagaram 562 159, Karnataka, India Ph +91 80 2727 1266 / 2727 4996 Fax +91 80 2727 1166  
 Regd Off: Casa Fina, 5, Primrose Road, Bengaluru 560 025, India Ph +91 80 4112 4001 Fax +91 80 2559 7778