

GENERAL

LAMICAFILM 4321-13 Silicone bonded mica paper tape / sheet sandwiched by Polyimide film and glass cloth. Lamica paper used is muscovite uncalcined suitable for VPI.

APPLICATION

LAMICAFILM 4321-13 Used as total insulation for special purpose Class H High voltage machines. The product is free from blow holes, wrinkles, and dry patches and would be uniformly impregnated and properly laminated. Product is accelerator free hence suitable for VPI application.

PRODUCT CHARACTERISTICS:

Characteristics	Unit	Typical Values	Test Method
Thickness	mm	0.13 ± 0.02	IEC - 60371-2
Total Weight	g/m ²	172 ± 16	IEC - 60371-2
Resin Content	g/m ²	13 ± 3	IEC - 60371-2
Mica Paper	g/m ²	100 ± 8	IEC - 60371-2
Glass Fabric	g/m ²	23 ± 2	IEC - 60371-2
Polyimide Film	g/m ²	36 ± 3	IEC - 60371-2
Tensile Strength	N/cm	≥ 60	IEC - 60371-2
Breakdown Voltage	KV/Layer	≥ 5	IEC - 60371-2

SUPPLY:

LAMICAFILM 4321-13 is supplied in tape form in standard width of 25 mm. Standard length of the tape roll is 50 mtrs wound on 55mm ID polypropylene spools suitable for hand taping.

STORAGE & HANDLING INSTRUCTIONS:

LAMICAFILM 4321-13 must be kept under controlled temperature condition.

SHELF LIFE

At standard temperature of 23 ± 5°C - 06 months

At refrigerated storage of 05°C - 12 months.

JOINTS:

The tapes are supplied without joints. However 10% of the rolls may be supplied with one joint.

WORK HYGIENE:

While using LAMICAFILM 4321-13 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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