

GENERAL

LAMICAPOR 542-16 is composed of uncalcined muscovite mica paper bonded to polyester fleece with epoxy resin binder. Material has temperature Class F

APPLICATION

LAMICAPOR 542-16 tapes are used for continuous insulation of coils of Wind Generators. The use of uncalcined muscovite mica paper bonded on Polyester fleece with adequate resin produces a tape of sufficient porosity for complete impregnation of insulation layer without air pockets after curing.

PRODUCT CHARACTERISTICS:

Characteristics	Unit	Typical Values	Test Method
Thickness	mm	0.16 ± 0.02	IEC - 60371-2
Total Weight	g/m ²	224 ± 24	IEC - 60371-2
Resin Content	g/m ²	14 ± 4	IEC - 60371-2
Mica Paper	g/m ²	160 ± 15	IEC - 60371-2
Polyester Fleece	g/m ²	50 ± 5	IEC - 60371-2
Tensile Strength	N/cm	≥ 25	IEC - 60371-2
Breakdown Voltage	KV/Layer	≥ 1.5	IEC - 60371-2

SUPPLY:

LAMICAPOR 542-16 can be 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. Tape is also suitable for machine taping can be supplied on 25 mm ID spool with or without notches as per customer requirements.

STORAGE & HANDLING INSTRUCTIONS:

LAMICAPOR 542-16 must be kept under controlled temperature condition.

SHELF LIFE

At standard temperature of 23 ± 5°C - 12 months
 At refrigerated storage of 05°C - 24 months.

JOINTS:

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

WORK HYGIENE:

While using LAMICAPOR 542-16 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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