

GENERAL

LAMICAPOR 612-14-01 is composed of uncalcined muscovite mica paper bonded to glass cloth with modified epoxy resin with accelerator.

APPLICATION

LAMICAPOR 612-14-01 tapes are used for continuous insulation of coils and bars of HT Motors and Generators of manufactured by VPI process. The use of uncalcined muscovite mica paper bonded 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	0.14 ± 0.02	IEC - 60371-2
Total Weight	g/m ²	204 ± 20	IEC - 60371-2
Resin Content (Including Accelerator)	g/m ²	21 ± 3	IEC - 60371-2
Mica Paper	g/m ²	160 ± 15	IEC - 60371-2
Glass Fabric	g/m ²	23 ± 2	IEC - 60371-2
Porosity	Sec / 100 ml	800 (approx)	IEC - 60371-2
Tensile Strength @ 3% Elongation	N/cm	≥ 70 Min	IEC - 60371-2
Breakdown Voltage	KV/Layer	≥ 1.5	IEC - 60371-2
Stiffness	N/m	≤ 60	IEC - 60371-2
Volatile	%	≤ 2	IEC - 60371-2

SUPPLY:

LAMICAPOR 612-14-01 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. 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 612-14-01 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 612-14-01 we recommend to follow the necessary Health & Safety Standards.

Rev. 00 / Issue Date: 11.01.2010

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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