

#### GENERAL

LAMICAPOR 614-12-01 is composed of Phlogopite mica paper bonded to glass cloth with modified epoxy resin with accelerator.

#### APPLICATION

LAMICAPOR 614-12-01 tapes are used for continuous insulation of individual conductor used to manufacture coils and bars of HT Motors and Generators of manufactured by VPI process. The use of Phlogopite 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	0.12± 0.02	IEC - 60371-2
Total Weight	g/m <sup>2</sup>	155 ± 14	IEC - 60371-2
Resin Content (Including Accelerator)	g/m <sup>2</sup>	17 ± 3	IEC - 60371-2
Mica Paper	g/m <sup>2</sup>	90 ± 8	IEC - 60371-2
Glass Fabric	g/m <sup>2</sup>	48 ± 3	IEC - 60371-2
Porosity	Sec / 100 ml	800 (approx)	IEC - 60371-2
Tensile Strength @ 3% Elongation	N/cm	≥ 150 Min	IEC - 60371-2
Breakdown Voltage	KV/Layer	≥ 1.5	IEC - 60371-2
Stiffness	N/cm	≤ 60	IEC - 60371-2
Volatile	%	≤ 1	IEC - 60371-2

#### SUPPLY:

LAMICAPOR 614-12-01 is supplied in tape form in standard width of 12 mm. Standard length of the tape roll is 200 mtrs wound on 76mm ID polypropylene spools suitable for machine taping.

#### STORAGE & HANDLING INSTRUCTIONS:

LAMICAPOR 614-12-01 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 614-12-01 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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