

#### GENERAL

LAMICAPOR 622-12 is composed of uncalcined mica paper bonded to polyester film using modified epoxy resin. This material is accelerator free and suitable for CLASS F VPI application

#### APPLICATION

LAMICAPOR 622-12 tapes are used for continuous insulation of HV Motor coils for VPI application. The use of uncalcined muscovite mica paper bonded with epoxy resin produces a tape of high 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>	207 ± 20	IEC - 60371-2
Resin Content	g/m <sup>2</sup>	15 ± 3	IEC - 60371-2
Mica Paper	g/m <sup>2</sup>	160 ± 15	IEC - 60371-2
Polyester Film	g/m <sup>2</sup>	32 ± 2	IEC - 60371-2
Tensile Strength	N/cm	≥ 48	IEC - 60371-2
Breakdown Voltage	KV/Layer	≥ 4	IEC - 60371-2

#### SUPPLY:

LAMICAPOR 622-12 is supplied in tape form in standard width of 20 and 25 mm. Standard length of the tape roll is 70 mtrs wound on 25 mm ID polypropylene spools suitable for machine taping. Tape is also suitable for hand taping can be supplied on 55 mm ID spool .

#### STORAGE & HANDLING INSTRUCTIONS:

LAMICAPOR 622-12 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 LAMICAPOR 622-12 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

#### 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