

GENERAL

LAMICAGLASS 415-13 are flexible, resin -poor tapes consisting of reconstituted phlogopite mica paper reinforced with aramid fibrids laminated with woven glass fabric using a very small amount of hardener-free silicone resin as binder. It has a thermal index of Class 200 and above.

APPLICATION

LAMICAGLASS 415-13 is used as main insulation for Traction Motors of thermal class200 and above. They are suitable for total impregnation by means of Vacuum Pressure Impregnation (VPI) process.

PRODUCT CHARACTERISTICS:

Characteristics	Unit	Typical Values	Test Method
Thickness	mm	0.13 ± 0.03	IEC - 60371-2
Total Weight	g/m ²	180 ± 20	IEC - 60371-2
Mica Paper (Including 5% Aramid)	g/m ²	90 ± 8	IEC - 60371-2
Glass Fabric	g/m ²	32 ± 3	IEC - 60371-2
Resin Content	g/m ²	58 ± 9	IEC - 60371-2
Aramid Fibrids	g/m ²	4 ± 1	IEC - 60371-2
Tensile Strength	N/cm	≥ 100	IEC - 60371-2
Stiffness	N/m	≤ 40	IEC - 60371-2
Breakdown Voltage	KV/Layer	≥ 1.3	IEC - 60371-2

SUPPLY:

LamicaGlass 415-13 supplied in tape form having standard width of 20 and 30 mm. Standard length of the roll is 30 mtrs wound on 55 mm ID polypropylene spools suitable for hand taping.

STORAGE & HANDLING INSTRUCTIONS:

LamicaGlass 415-13 must be kept under controlled temperature condition. Keep away from dust and moisture.

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 LamicaGlass 415-13 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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