

#### GENERAL

LAMICAGLASS 615-13 is a flexible, dry, impregnable tri functional epoxy resin bonded glass cloth backed mica paper tape / sheet. Lamica paper used to manufactured is phlogopite mica and contains aramid fibres. It has a temperature index above 180 and is suitable for use with high temperature resins presently used in modern Traction Machines for impregnation.

#### APPLICATION

LAMICAGLASS 615-13 is used as pole insulation in thermal class "H" insulation of Traction Machines.

#### PRODUCT CHARACTERISTICS:

| Characteristics                  | Unit             | Typical Values | Test Method   |
|----------------------------------|------------------|----------------|---------------|
| Thickness                        | mm               | 0.13 ± 0.03    | IEC - 60371-2 |
| Total Weight                     | g/m <sup>2</sup> | 164 ± 20       | IEC - 60371-2 |
| Mica Paper (Including 5% Aramid) | g/m <sup>2</sup> | 90 ± 8         | IEC - 60371-2 |
| Glass Fabric                     | g/m <sup>2</sup> | 32 ± 3         | IEC - 60371-2 |
| Resin Content                    | g/m <sup>2</sup> | 42 ± 9         | IEC - 60371-2 |
| Aramid Fibrids                   | g/m <sup>2</sup> | 4 ± 1          | IEC - 60371-2 |
| Tensile Strength                 | N/cm             | ≥ 100          | IEC - 60371-2 |
| Stiffness                        | N/m              | ≤ 30           | IEC - 60371-2 |
| Breakdown Voltage                | KV/Layer         | ≥ 1.0          | IEC - 60371-2 |

#### SUPPLY:

LamicaGlass 615-13 supplied in tape form having standard width of 25 and 32 mm. Standard length of the roll is 30 mtrs wound on 55 mm ID polypropylene spools suitable for hand taping.

#### STORAGE & HANDLING INSTRUCTIONS:

LamicaGlass 615-13 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 615-13 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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