

Vidyut Mica Tapes

VIDYUT MICA TAPES

VIDMICAFOF VMF 3.126

Features

- Excellent Flexibility
- High Dielectrical Strength
- Reinforced with Polyester Film
- Good Thermal Insulation

Description

Videxmicafol Vmf 3.126 consists of muscovite paper impregnated with Bisphenol Epoxy Resin with polyester film as a carrier substrate. It contains a special adhesive on the outer surface of Polyester film which melts at above temperature 105 C. Conductors insulated with this tape can be glued together by short pressing at temperature above 100 C.

Application

Application: Videxmicafol Vmf 3.126 is used mainly for the insulation of copper and other conductors of a rectangular cross-section that are used for windings of the electric machines with an operating voltage of up to 11kV and the thermal insulation class F (155°C)

Properties

Physical Properties	Values
Thickness	0.09mm +/- 0.01
Weight of the substance	126 +/- 9 g/sqm
Mica Paper	75 +/- 5 g/sqm
Polyster Film	42 +/- 3 g/sqm
Epoxy Resin	7 +/- 3 g/sqm
Volatile Content	0.5% Max
Tensile Strength	20 N/cm Min
Stiffness	35 N/m Max
Breakdown Voltage	6Kv
Thermal Class	F
Test Method	IEC 371-2

Availability

Tapes are supplied in core of Diameter 76mm +/- 1mm of wide 6-100mm and length Min 300 Mtrs. Roll length can be changed as per requirment of the customer.

Storage

12 Months at 20 °C

18 Months at 5 °C

Shelf Life

One Year from the date of manufacturing.

Health And Safety

All hygiene and safety standards should be followed while using.

Disclaimer

All information, recommendations and test data herein are offered only as a guide. We believe them to be accurate but do not guarantee results, freedom from patent infringement, suitability of this product for any resultant application