

## VPI Glass Mica Tape Resin pour

### RESINPOUR VPI GLASS MICA SERIES Vdmicapor gf + (a) ; gf (a) series

#### Features

- Dry and flexible
- Track Free
- Low Volatile Content
- Void Free Insulation
- Tank Stability

#### Description

vidmicapor Glass mica series is made from Uncalcined Muscovite Mica Paper Impregnated with low content of Bisphenol A Epoxy Resin, containing metallic salt accelerator (zinc naphthanate), Laminated to glass cloth on one side. Addition of Accelerator make it suitable for Epoxy Anhydride System. The mica is faced outside of the roll and there is no interleave. It is suitable for use upto 155 Degree C for class F Insulation. The mechanical and Electrical properties of the completed highly depend upon the quality of the impregnating resin used during Vpi process.

#### Application

Vidmicapor Glass mica series is best suited for insulation of coils and bars of low and high voltage electrical rotating machines, processed by the Vacuum Pressure Impregnation (VPI) method, operating upto 11 KV Voltage. It can also be used in dry type transformer for interlayer insulation.

## Properties

Physical Properties	Unit	4.155	5.192	5.203	5.197	6.218	6.217
Ave Thickness	mm	0.11	0.13	0.14	0.14	0.13	0.14
Bdv	Kv	≥10	≥10	≥10	≥10	≥10	≥10
Tensile Strength	N/cm	≥100	≥80	≥100	≥100	≥80	>100
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Composition							
Weight	g/sqm	155+/-10	192+/-18	203+/-19	197+/-18	218+/-20	217+/-20
Mica Paper	g/sqm	120+/-8	160+/-13	160+/-13	160+/-13	180+/-14	180+/-14
Glass Fabric	g/sqm	25+/-3	20+/-2	25+/-3	25+/-3	20+/-2	25+/-3
Resin	g/sqm	10+/-3	12+/-4	18+/-4	12+/-4	18+/-4	12+/-4
Accelerator	mg/sq	----	-----	----	-----		
Volatile Content	g/sqm	≤0.5	≤0.5	≤0.5	≤0.5	≤0.5	≤0.5
Thermal Class	°C	155 (F)					

## Test Method

IEC 60371-2

All the above product nos can be supplied with Zinc Napthanate accelerator having content of 450+/-120mg/sqm.

Similar Product Nos with others:

Product No.4.155 is similar to 366.88 of Vonroll

Product No:5.203 and 5.197 is similar to 366.58/366.55-10 of Vonroll

Product No: 6.218/6.217 is similar to Porobond 0410 and Me 2599 of Isovolta,Austria.

## Availability

Width 10mm upward  
Max 1000mm  
Length 50 mtrs  
Core 25mm and 40mm

NOTE: The rolls are sealed in polythene bags & packed in polystyrene boxes.

## Storage

Vidmicapor Glass mica series should be stored in dust free area.  
At Degree - 12°C  
Duration - 4 Months

## Health And Safety

All hygiene and safety standard should be followed during handling and application.

## 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