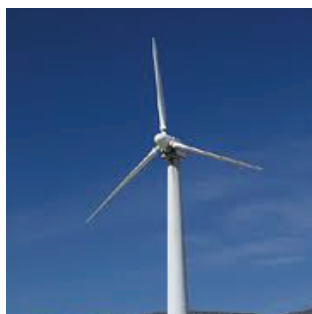


Resin Bonded Glass Mat



VIDMAT 150 RESIN BONDED GLASS MAT

Description

Vidmat 150 is a smooth, porous and absorbent resin bonded mat with no impurity.

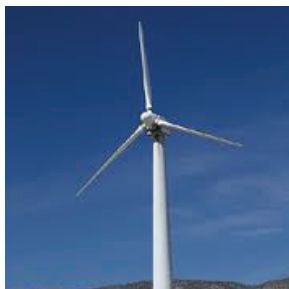
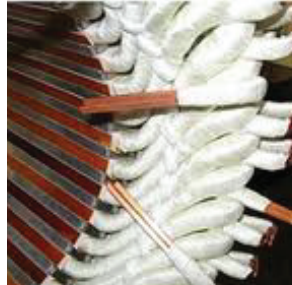
It is manufactured by using Glass fiber mat bonded together with epoxy resin .

When in contact with heat it swells more than 150% of its initial thickness and fills up the free space within the coils and slots of the electrical machines.

The property of the final laminate depends upon the impregnating resin in use.

Application

Vidmat 150 is used as spacers, interlayer or filling material between the coils and slot portion of the electrical machines using Vpi insulation system.



Properties

Physical Properties	Unit	Values Vidmat 150
Thickness	mm	0.7;1.0;1.5;2.0;2.5;3.0
Tolerance	%	+/-15
Density	g.cm ³	1.4 to 1.5
Resin Content	%	5 to 11
Volume Resistance	Ohms.m	≥ 1x10 ¹²
Surface Resistance	Ohms	≥ 1x10 ¹²
Dielectrical Constant	mv/m	≥ 5
Expansion Ratio		
At 80°C for 30 min	%	≥ 30
At 130°C for 30 min	%	≥ 150

Availability

Thickness: 0.7, 1.0, 1.5, 2.2, 2.5 & 3mm

Sheet Size: 900mmX900mm

Packaging

Vidmat 150 is covered with sealed polythene bags and packed in cartons.

Storage

At 20°C - 6 months

At 5°C - 2 Months

Health And Safety

Vidmat 150 is non toxic.

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