



Flexible Composite Materials

Flexible Composite Materials - DMD Series



DMD is a three layer composite material made of polyester nonwoven fibers laminated on both side of polyester film, we have resin type which impregnated with a high temperature-resistant (200°C) resin. This laminate is flexibility and good resin absorption ability can be inserted easily due its slippery surface. Ideal for the production and repair of all types of winding machinery which need to reach high mechanical, dielectric and Class F (155°C) standards. It is suitable for electric motor; turbine-wind mill power generator production.

GENERAL TYPE

Part No.	Heat Resistance (°C)	Thickness (mm)	Width (mm)	Length (m)	Tensile Strength (kgt/15mm)	Breakdown Voltage (kv)
DMD-222	155	0.18	980	100	>13	> 7
DMD-252	155	0.25	980	100	>20	>10
DMD-272	155	0.30	980	100	>25	>12
DMD-333	155	0.25	980	100	>21	> 9
DMD-353	155	0.30	980	100	>25	>12
DMD-373	155	0.35	980	100	>30	>15

RESIN TYPE

Part No.	Heat Resistance (°C)	Thickness (mm)	Width (mm)	Length (m)	Tensile Strength (kgt/15mm)	Breakdown Voltage (kv)
R-DMD-232	155	0.20	980	100	>15	> 9
R-DMD-252	155	0.25	980	100	>20	>10
R-DMD-272	155	0.30	980	100	>25	>12
R-DMD-2102	155	0.37	980	100	>30	>15
R-DMD-333	155	0.25	980	100	>21	> 9
R-DMD-353	155	0.30	980	100	>25	>12

All figure is reference only. It is not guarantee.

Remark : The above value, which has been determined by careful tests, provide only general information. P. Leo has implemented several programs to assure the highest quality and reliability of this product. However, no responsibility is assumed for its use.

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