

F-DMD



Dexlu Item No.: D030102F

Properties

F-DMD is made of two layers of non-woven laminated with one layer of polyester film, the different of DMD and F-DMD is on the adhesive resin, DMD uses the resin of class B while F-DMD uses the resin of class F. It has good dielectric properties, high heat resistance and mechanical strength, is suitable for small and medium size electric motors as slot, phase, turn-to-turn, liner insulation of class F.

Data Form

Properties		Unit	Values								
Nominal Thickness		mm	0.15	0.18	0.20	0.23	0.25	0.30	0.35	0.40	
PET Film Thickness		mm	0.05	0.075	0.10	0.125	0.15	0.19	0.25	0.30	
Thickness Tolerance		mm	±0.020	±0.025	±0.030	±0.030	±0.030	±0.035	±0.040	±0.040	
Nominal Gram and Tolerance		g/m ²	150±25	190±20	210±32	240±36	260±39	310±46	390±58	440±66	
Tensile Strength	MD	unfold	N/cm	≥80	≥100	≥120	≥130	≥150	≥170	≥200	≥300
		fold		≥80	≥90	≥105	≥115	≥130	≥150	≥180	≥220
	TD	unfold		≥80	≥90	≥120	≥115	≥130	≥150	≥180	≥220
		fold		≥80	≥80	≥95	≥100	≥120	≥130	≥160	≥200
Elongation	MD	%	≥ 10					≥ 5			
	TD		≥ 15					≥ 5			
Breakdown Voltage	At room	KV	≥7	≥8	≥9	≥10	≥11	≥13	≥15	≥18	
	At 155 ± 2c		≥6	≥7	≥8	≥9	≥10	≥12	≥14	≥17	
Deflexion	MD	N	≥10	≥15	≥20						
	TD		≥15	≥20	≥30						
Bonding Strength at room temp.		---	No delamination								
Bonding Strength at 180±2c 10min		---	No delamination, No blister, No adhesive flow								
Bonding Strength at wateriness		---	No delamination								

Specification

Standard width: 1000mm, or slit into the width required

Packing: In Carton

Min Qty: 1000kg each size in a lot.

Shelf life: one year from the date of delivery. It can still be used if it is qualified by testing after one year according to above Technical Requirement.

Note: The values noted in above technical specification are given only for our customers' reference and should not be used in writing specifications.