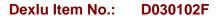
F-DMD





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 ues the resin of class B while F-DMD use 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	At room		KV	≥7	≥8	≥9	≥10	≥11	≥13	≥15	≥18
Voltage	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 data 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.