

# DMD



**Dexlu Item No.: D030102**

### Properties

DMD is made of two layers of polyester non-woven laminated with one layer of polyester film, with good dielectric properties, high heat resistance and mechanical strength, which is suitable for small and medium size electric motors as slot, phase, turn-to-turn, liner insulation of class B. We also can supply two layers of DM and four layers of DMDM.

### Data Form

Properties		Unit	Value									
Nominal Thickness		mm	0.15	0.18	0.20	0.23	0.25	0.30	0.35	0.40	0.45	
PET Film Thickness		mm	0.05	0.075	0.10	0.125	0.15	0.19	0.25	0.30	0.35	
Thickness Tolerance		mm	±0.020	±0.025	±0.030	±0.030	±0.030	±0.030	±0.035	±0.040	±0.045	
Nominal Gram and Tolerance		g/m <sup>2</sup>	140±20	190±28	220±33	260±39	300±45	350±52	425±63	500±75	560±84	
Tensile Strength (Min value)	MD	unfold	N/cm	80	120	140	180	190	270	320	340	370
		fold		80	105	120	150	170	200	300	320	350
	TD	unfold		80	105	120	150	170	200	300	320	350
		fold		70	90	100	120	130	150	200	220	250
Elongation (Min Value)	MD	unfold	%	15								
		fold		10				5		3		
	TD	unfold		20								
		fold		10				5		2		
Breakdown Voltage(Min Value)		KV	6	7	9	10	12	15	18	20	22	
Bond Strength At Room Temp			No delamination									
Bond Strength At 155±2℃ 10 min			No delamination, No blister, No adhesive flow									

### 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.