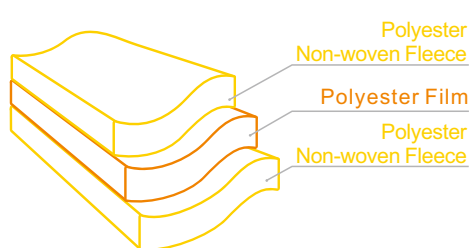


6630-Polyester Film/Polyester Fibre Non-woven Fabric Flexible Composite Material (DMD)

Product No.: MAL01

MAL01080/MAL01130/MAL01150/MAL01180/MAL01200/MAL01230/MAL01300/MAL01350/MAL01450

6630-Polyester Film/Polyester Fibre Non-woven Fabric Flexible Composite Material (DMD) consists of two layers of Polyester Fiber Non-woven Fabric and a single layer of Polyester Film in the center. It is Class B (130°C) insulating material. This product has excellent mechanical strength and excellent electrical property, 6630 has strong deflection, and is suitable for mechanized insert slot.



Characteristic

Property Name		General Table of Properties									
Nominal Thickness (μm)		80	130	150	180	200	230	300	350	450	
Thickness Tolerance (μm)		15							10		
Grammage(g/m ²)		85	115	145	190	220	260	350	425	560	
Film Nominal Thickness(μm)		23	23	50	75	100	125	190	250	350	
Tensile Strength (N/cm) ≥	MD	No Bending	45	50	110	140	160	200	300	350	400
		After Bending	45	35	90	105	120	150	200	300	350
	TD	No Bending	45	40	90	105	120	150	200	300	350
		After Bending	40	30	70	90	100	120	150	200	250
Elongation (%) ≥	MD	No Bending				20					
	TD	No Bending				50					
Breakdown Voltage (KV) ≥	No Bending		4	4	6	7	9	10	15	18	22
	After Bending		3	3	5	6	8	9	13	16	20
Bonding Property at Room Temp.		No delamination									
Bonding Property at 150±2°C, 10min		No delamination, no blister, no adhesive flow									

Application

- It is suitable for Y electrical motors as slot liner and turn-to-turn insulation.

Packing and Storage

- Min. slitting width: 6mm
- Core ID: 3" / 6"
- Storage: Keep in room temperature. Remove package before use. Unused parts are wrapped in original packaging to avoid moisture absorption. It is recommended to be used up in 6 months.

