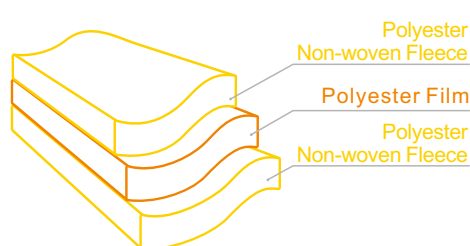


6641-Polyester Film/Polyester Fibre Non-woven Fabric Flexible Composite Material (Class F DMD)

Product No.:MAL02

MAL02150/MAL02170/MAL02200/MAL02230/MAL02250/MAL02300/MAL02350

6641-Polyester Film/Polyester Fiber Non-woven Fabric Flexible Composite Material (Class F DMD) is made from high melting point polyester film and hot-rollig polyetser fiber non woven fabric. The polyester film and polyester non-woven fabric are bonded by F-class adhesive. It is Class F (155°C) insulating material. This product has high mechanical strength, excellent electrical property and immerse function.



Characteristic

Property Name		General Table of Properties							
Nominal Thickness(μm)		150	170	200	230	250	300	350	
Appearance		The surface should be even and free from wrinkle, blister and impurity							
Breakdown Voltage(KV) ≥		6	7	9	10	12	15	18	
Tensile Strength (N/cm) ≥	MD	No Bending	80	120	140	180	190	270	320
		After Bending	80	105	120	150	170	200	300
	TD	No Bending	80	105	120	150	170	200	300
		After Bending	70	90	100	120	130	150	200
Elongation (%)≥	MD	10					5		
	TD	10					5		
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 slot insulation, interphase insulation and liner insulation in Y2 and other F-class electrical motor and electric apparatus

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.

