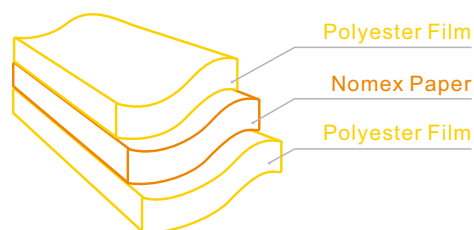


6640-Polyester Film/Nomex Paper Flexible Composite Material (NMN)

Product No.:MAL05

MAL05150/MAL05180/MAL05200/MAL05230/MAL05250/MAL05300/MAL05350

6640-Polyester Film/ Nomex Paper Flexible Composite Material (NMN) is a three-layer flexible laminate in which Du Pont Nomex paper is bonded to the two sides of polyester film.



Characteristic

Property Name		General Table of Properties							
Nominal Thickness(μm)		150	180	200	230	250	300	350	
Thickness Tolerance(μm)		20		30			40		
Grammage(g/m ²)		180±25	210±30	240±30	265±35	300±40	350±50	430±50	
Tensile Strength (N/cm) ≥	MD	No Bending	150	160	180	200	220	270	320
		After Bending	80	110	130	150	180	200	250
	TD	No Bending	90	110	130	150	180	200	250
		After Bending	70	90	110	130	150	170	200
Breakdown Voltage(Kv) ≥	No Bending	7	10	11	12	13	15	20	
	After Bending	6	8	9	10	12	13	16	
Elongation (%) ≥	MD	10			12				
	TD	15			18				
Bonding Property at Room Temp.		No delamination							
Bonding Property at 180+2°C, 10min		No delamination, no blister, no adhesive flow							
Temp. index of Heat-resistance in a long Term(TI) ≥		155							
NOMEX LAYER		It is NOMEX, brand paper (NOMEX, is a registered trademark of Dupont.)							

Application

- As slot, interturn and liner insulation for F - grade motors and electric appliances.

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.

