

6640 NMN F CLASS

6640 insulation paper for transformer and motors

1 .Description:

6640 NMN insulation paper (Nomex +Mylar film + Nomex) is a fiber paper with two- story ary compound from bonding with the polyester film. Heat-resistant grade F grade. Has good flexibility, excellent mechanical strength, dielectric properties anti-tear strength and absorption capacity of paint.

2.Specifications:

- 1). Temperature classification: Class F
- 2).thickness:0.15-0.50mm
- 3).Width:914mm
- 4).features: For H class motor and generator insulation between the groove, can also be used between layers of dry -type transformers, the interval insulation.

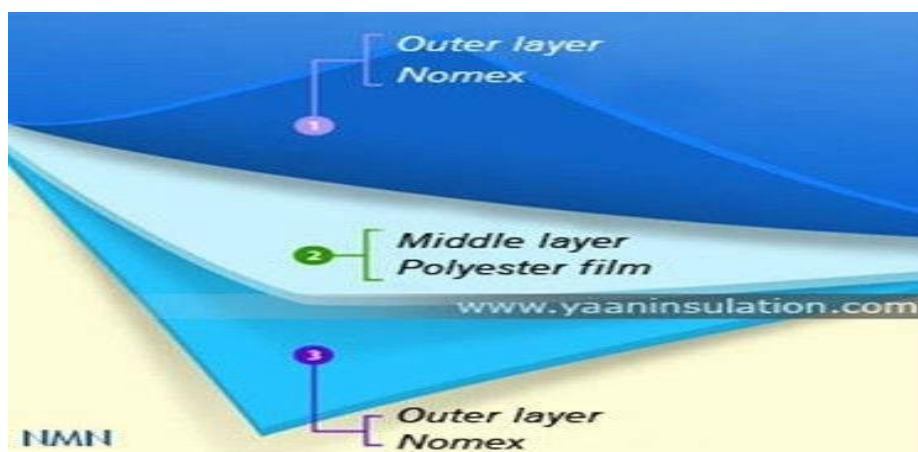
3.color: NOMEX paper with yellow line or orange line

4. Application:

It is widely used as the slot insulation and insulation between phases for Y-series motors.

5 Features:

- 1.Temp.class F (180 °C)
- 2.Excellent heat resistance,dielectric property and mechanical strength.
- 3.Good cutting and overload resistance, high stiffness.Good compatibility with insulation varnish.
- 4.As slot, interturn and liner insulation for F-grade motors and electric appliances.
- 5.Form: roll,sheet,strip



Technical Data

Item		Unit	Value						
Nominal Thickness		mm	0.15	0.18	0.20	0.23	0.25	0.30	0.35
Thickness Tolerance		mm	±0.02		±0.03		±0.04		
Nominal Grammage		g/squaremeter	180 ±25	210 ±30	240 ±30	260±35	300±40	350±50	430±50
Tensile Strength	Lengthwise	Not Bended	>150	>160	>180	>200	≥220	≥270	≥320
		Bended	>80	>110	>130	>150	≥180	≥200	≥250
	Crosswise	Not Bended	>90	>110	>130	>150	≥180	≥200	≥250
		Bended	>70	>90	>110	≥130	≥150	≥170	≥200
Elongation	Lengthwise	Not Bended	>10		≥12				
	Crosswise	Not Bended	>15		≥18				
Breakdown Voltage		Not Bended	>7	≥10	≥11	≥12	≥13	≥15	≥20
		Bended	>6	≥8	≥9	≥10	≥12	≥13	≥16
Adhesive Property	Room Temperature	No delamination							
	180±2° C 10min	No delamination,blister,or adhesivse flow							
Temperature Index		° C	≥180						