

## Flexible laminates for electrical insulation

### (6640 NMN)

**Name:** 6640 NMN Flexible Laminate

#### Property

6640 NMN Nomex paper/Mylar/Nomex paper flexible laminate consists of two layers of DuPont Nomex paper with one layer of mylar

#### Characteristics

- ✧ Insulation class: F class (155°C)
- ✧ Excellent mechanical strength, high tensile strength, high edge tear resistance and high electric strength
- ✧ Good cutting and overload resistance, high stiffness, Good compatibility with insulation varnish

#### Applications

- ✧ Slot, interphase and liner insulation for F-grade motors and electric appliances
- ✧ Slot closures or covers, overhang, interphase and layer insulations for motors and Dry-type transformers

#### Typical Physical Properties

Items	Units	Typical Values					
		150	180	200	250	300	350
Normal Thickness	um	150	180	200	250	300	350
Thickness Tolerance	um	±20	±25	±30		±40	
Breakdown Voltage (No Bending) ≥	KV	7	10	11	13	15	20
Bond Strength At Room Temp	-----	No delamination					
Bond Strength 180(±2)°C/10min	----- -	No delamination, No blister, No adhesive flow					
Width	mm	914					

#### Transportation and storage condition

- ✧ Packed in carton after sealed by plastic film
- ✧ Keep in dry environment at room temperature, keep from fire and humidity
- ✧ Shelf life 12 months