

Flexible laminates for electrical insulation

(6650 NHN)

Name: 6650 NHN Flexible Laminate

Property

6650 NHN Nomex paper/Kapton/ Nomex paper flexible laminate consists of two layers of DuPont Nomex paper with one layer of polyimide film in the center

Characteristics

- ✧ Insulation class: H class (180°C)
- ✧ Excellent electric and mechanical properties, high tensile strength and high edge tear resistance, high electrical strength, even better properties of dielectric and mechanical under temperature or after humidity.

Applications

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

Typical Physical Properties

Items	Units	Typical Values					
Normal Thickness	um	150	170	200	250	300	350
Thickness Tolerance	um	±20		±30	±40		±50
Breakdown Voltage (No Bending) ≥	KV	8		9		10	
Bond Strength At Room Temp	-----	No delamination					
Bond Strength 200(±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