

NHN / NKN



Dexlu Item No.: D030104

Properties

NHN/NKN is made of two layers of Du Pont Nomex paper laminated with one layer of polyimide film. It has good dielectric properties, high heat resistance and mechanical strength, is suitable for electric motors as slot, phase, turn-to-turn, liner insulation of class H.

Data Form

Properties		Unit	Value							
Nominal Thickness		mm	0.15	0.17	0.20	0.23	0.25	0.30	0.33	
Thickness Tolerance		mm	±0.02	±0.02	±0.03	±0.03	±0.04	±0.04	±0.05	
Specific Weight		g/m ²	155±25	175±25	195±30	230±35	260±40	300±45	330±50	
Polyimide Film Thickness		mm	0.025	0.05	0.075	0.1	0.125	0.15	0.175	
Tensile Strength(min)	MD	unfold	N/cm	120	140	160	180	200	250	270
		fold		70	90	90	130	120	150	170
	TD	unfold		80	90	100	110	150	170	180
		fold		50	70	80	80	100	110	130
Elongation (min)		unfold	%	10						
		fold		8						
Breakdown Voltage (min)		unfold	KV	8		9		10		
		fold		7		8		9		
Bond Strength At Room Temp.			No Delamination							
Bond Strength At 200 + 2 C, 10 min.			No Delamination, No Blister, No Adhesive Flow							

Nomex is the registered trademarks of Du Pont.

Specification

Standard width: 910mm, or slit into the width required

Packing: In Carton

Min Qty: 1000kg each size in a lot.

Shelf life: one year from the data of delivery. It can still be used if it is qualified by testing after one year according to above Technical Requirement.

Note: The values noted in above technical specification are given only for our customers' reference and should not be used in writing specifications.