6650 NHN H Class

6650 insulation paper for transformer and motors

1 .Description:

6650 NHN insulation paper consists of two layers of Dupont Nomex paper and one layer of polyamide in the center, the used adhesive is C CLASS ,acid-free and temperature resistant. The polyamide film giving the product mechanical and dielectric features, while the Du Pont Nomex paper gives the thermal resistance. The product has excellent heat-resistance and good mechanical performance. It is a reliable heat-resistant insulating material, for specialized H motors and electric appliance as insulation slot, inter-turn insulation and lining insulation.

2.Specifications:

1.Insulation grade: H
2.Thickness:0.15-0.33mm
3.Package:carton and pallet
4.Nominal thickness : 0.15mm,0.17mm,0.20mm,0.23mm,0.25mm,0.30mm,0.33
5.Nominal width:900mm

3.Features

It is Class H insulating material.
This product has good dielectric properties, high heat resistance and mechanical strength

4. Application:

It is suitable for H-class electrical motors as slot liner and turn-to-turn insulation, liner insulation,transformer insulation,and other electrical insulation.

5.Our advantages:

1) High performance cost ratio with steady quality
2) OEM service and Prompt Delivery
3) The fast speed of reply your email and can make quotation sheet just for you.
4) Can provide free sample, only need you bear the sample fee.
5) Supply good after-sales service, we will follow-up the situation after using, if have problems, we will find out the reason and deal with positively.

6. Technical Data

Properties			Units	Values						
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
Grammage			g/m2	155±25	175±25	195±30	230±35	260±40	300±45	330±50
Film thickness			mm	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Tensile strength	MD	No bending	N/10 mm	≥120	≥140	≥160	≥180	≥200	≥250	≥270
		After bending		≥70	≥90	≥90	≥130	≥150	≥170	≥180
	TD	No bending		≥80	≥90	≥100	≥110	≥120	≥150	≥170
		After bending		≥50	≥70	≥80	≥80	≥100	≥110	≥130
Elongation	No bending		%	≥10						
	After bending			≥8						
Breakdown voltage	No bending		kV	≥8			≥9			≥10
	After bending			≥7			≥8			≥9
Bonding property at room temp.				No delamination						
Bonding property at 200 + 2 C, 10 min.				No Delamination, no bubble, no adhesive flow						
The quality warranty period				Twelve months						