

Polyimide tape/film(Kapton tape/film)

Description:

Using benzene anhydride and benzene ether synthetic resin film, the polyimide film was made, after salivation continuous biaxial. With excellent thermal stability, mechanical properties, dielectric properties, radiation resistance and chemical resistance, it is an ideal high temperature insulation material of more than 180 stages in the electrical insulation system.

Features:

1. Excellent dielectric properties.
2. High mechanical strength, good flexibility, strong toughening and tearing.
3. A variety of width and thickness are available for selection.
4. Heat insulation grade C, can work at 220 C for a long time.

Applications:

Polyimide film is mainly used in the insulation materials of H-class system motor and transformer and the heat-resistant wire wrap, and the electric polyimide adhesive tape and other fields.

Package&Storage:

The product is sealed with plastic film bag and packed in strong carton. In a dry room temperature environment; The storage period is 24 months.

Applications:

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Test Report:

检测报告

Sample description: 样品名称:	Polyimide Film 聚酰亚胺薄膜	Product model: 产品型号:	0.025
Batch No: 批号:	41180321	Production Date: 生产日期:	2018-03-21
Analysis Date: 检验日期:	2018-03-21	Test According: 检测依据:	GB/T13542.6-2006

Test Items 检测项目	Units 单位	Specificaton 规格	Result 结果	Conclusion 结论	
Thickness 厚度	μm	0.025±0.002	0.025	Pass 合格	
Ultimate tensile strength 拉伸强度	MD	MPa	≥165	200	Pass 合格
	TD	MPa	≥165	190	Pass 合格
Ultimate Elongation 断裂伸长率	MD	%	≥40	70	Pass 合格
	TD	%	≥40	62	Pass 合格
Tensile Modulus 杨氏模量	MD	MPa	-----	2900	Pass 合格
	TD	MPa	-----	2860	Pass 合格
Dielectric Strength 绝缘强度	KV/mm	≥200	212	Pass 合格	
Appearance 外观	----	-----	无缺陷	Pass 合格	
Surface Resistivity 表面电阻率	Ω·cm	≥1.0*10 ¹²	1.12*10 ¹²	Pass 合格	

