



Black Polyimide Film

Black Polyimide Film is made from special formulation and work process with black color, widely used in manufacturing black coverlay,label,etc. for flexible circuit board, and other fields.

Characters:

- * In black color (both matte and polish black available)
- * Class H insulation and can work for long term under 200℃.
- *Higher mechanical strength, better tear resistance and flexibility.
- *Supplied with different width and thickness

Spec.:

Type	BPIF-13	BPIF-25	BPIF-50	BPIF-75
Thickness mm	0.013±0.001	0.025±0.003	0.050±0.004	0.075±0.005
Basic weight g/m ² ±10%	18	37	73	108
Width mm	on customers' demand			
Supply size	Supplied in rolls, core diameter: 76mm.			

JI customization can also be available.

Typical Properties(The follows are just examples not read as guaranteed values)

items	Test methods	Units	Typical Value BPIF-13/25/50/75
1. Visual	The surface should be even and free from wrinkle, blister, adhesive particle		
2.Tensile strength	ASTM/D882	MPa	Min.100
3. Elongation	ASTM/D882	%	Min.35
4.Dielectric strength	ASTM/D149	kV/mm	Min.25/30/35/40
7.Glossy	ASTM/D523	Gs	Max.50
8.Transmittance	GB/T2410-2008	%	0
9.Dimensional Stability	IPC TM 650,2.2.4A	%	≤0.15
10. Temperature index	UL746B (Mech.)	℃	230
	UL746B (Elec.)	℃	230
11. Moisture absorption	ASTM/D570	%	≤4.0
12. Flammability	UL-94		V-0

Storage:

The product is packed in reinforced carton and sealed in plastic film bag. Please keep dry and in room temperature. Shelf life is 24 months.

Application:

Black polyimide Film is widely used in flexible printed circuit board, etc.

*Note: 1.All of above information is based on our best knowledge, not read as guarantees. Right reserved for corrections.
2.Please contact us if customization requirements.*

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