



# BIF202 叠层母排用 PET 基无卤绝缘胶膜

BIF202 Halogen-free PET Insulation Bonding Sheet For Laminated Busbar

## 特点

- 优秀的粘接性、耐热性、尺寸稳定性、耐弯曲性和绝缘性。
- 溢胶量低，加工性好，适于快速压合，传统压合，可返修，室温存放。
- 满足 RoHS 指令要求，不含铅、汞、镉、六价铬、多溴联苯、多溴联苯醚等环境管理物质。

## FEATURES

- Excellent bonding strength, heat resistance, dimensional stability, bending performance and insulation performance.
- Low adhesive flowing, good processability, suitable for both fast and traditional lamination style, can be repaired, Storage at room temperature
- Compatible with EU RoHS directive, free of Pb,Hg,Cd, Cr6+,PBB,PBDE, etc..

## 应用领域

叠层母排用绝缘胶膜.

## APPLICATIONS

Insulation bonding sheet for laminated busbars

## 性能表 GENERAL PROPERTIES

性能项目 Test Item	测试方法 Test Method	单位 Unit	典型值 Typical Value
			BIF202 7538D
剥离强度 1 Peel Strength 90°	IPC-TM-650, No.2.4.9 Method A	N/mm	2.2
尺寸稳定性 Dimensional Stability	IPC-TM-650, No.2.2.4 Method A	%	MD:-0.4 TD:-0.5
延伸率 Elongation	IPC-TM-650, No.2.4.19	%	MD:125 TD:141
拉伸强度 Tensile Strength	IPC-TM-650 2.4.19	MPa	MD:145 TD:138
体积电阻率 Volume Resistivity	IPC-TM-650, No.2.5.17	MΩ-cm	2.6×10 <sup>8</sup>
表面电阻 Surface Resistance	IPC-TM-650, No.2.5.17	MΩ	2.7×10 <sup>5</sup>
电气强度 Dielectric Strength	IPC-TM-650, No.2.5.6.1	V/μm	47

注释 Remarks:1. Testing after laminating with tin copper in suitable condition.

## 产品结构 Product structure

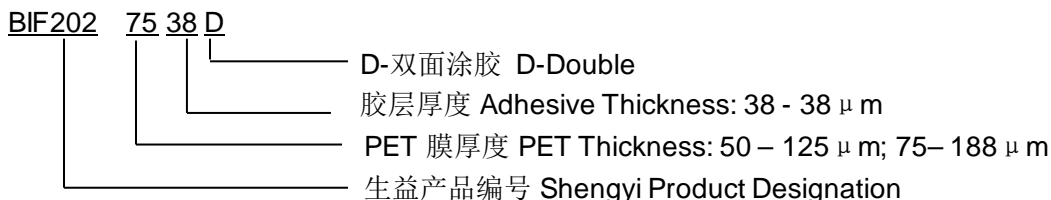
胶粘剂 Adhesive
聚酯膜 PET Film
胶粘剂 Adhesive



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## 产品规格代码描述 Product Code Description

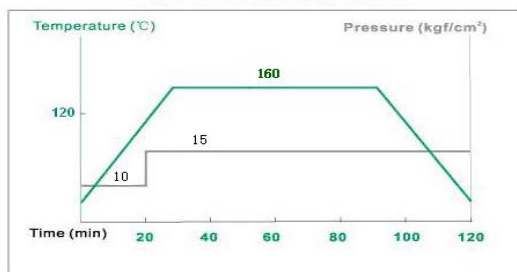


## 常规产品表 SPECIFICATIONS OF STANDARD PRODUCTS

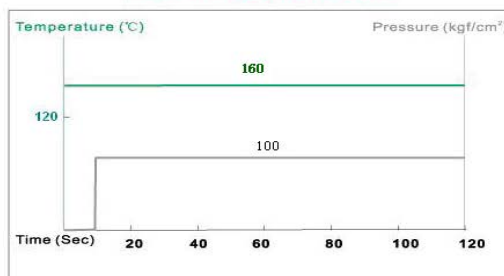
产品规格 Specifications	PET 膜厚度 ( $\mu$ m) PET film Thickness ( $\mu$ m)	胶粘剂厚度 ( $\mu$ m) Adhesive Thickness ( $\mu$ m)	应用领域 Applications
BIF202 5020D	125	20	叠层母排
BIF202 5030D	125	30	
BIF202 5038D	125	38	
BIF202 7520D	188	20	
BIF201 7530D	188	30	
BIF202 7538D	188	38	

## 压板推荐 PRESS PROPOSE

HOT PRESSING CYCLE



FAST PRESSING CYCLE



压板参数根据不同设备及产品规格需作相应调整。

The parameters of pressure need to be adjusted according to different equipment and product specifications.

## 包装 PURCHASING INFORMATION

产品宽度610+2/-0mm，每卷100+2/-0米；其它规格、尺寸可根据客户要求而定。

BIF202 is supplied in rolls and standard width of 610+2/-0mm. Roll length is 100+2/-0m. Other sizes could be available upon request.

## 贮存条件 STORAGE CONDITION

贮存在干燥、无腐蚀气体的室内。以原始包装贮存在常温15-25°C、相对湿度40-70%的室内，贮存期为六个月。

Stored in dry room with humidity control and with no corrosive gases. Six months when stored in the original packaging at 15-25°C and 40~70% RH.