



BIF201 叠层母排用PET基无卤白色绝缘胶膜

BIF201 Halogen-free white insulation bonding sheet for PET laminated busbar

特点

- 优秀的粘接性、耐热性、尺寸稳定性、耐弯曲性和绝缘性能。
- 无卤阻燃，达到UL94 VTM-0级。
- 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.
- Halogen-free and flammability UL94 VTM-0.
- 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	试验处理条件 Treatment Condition	单位 Unit	典型值 Typical Value (BIF201 5038S)	测试方法 Test Method	
剥离强度 ¹ Peel Strength ¹	A	N/mm	1.8	IPC-TM-650 2.4.9	
尺寸稳定性 Dimensional Stability	E-0.5/150	%	MD	-0.30	IPC-TM-650 2.2.4
			TD	-0.45	
拉伸强度 Tensile Strength	A	MPa	MD	118	IPC-TM-650 2.4.19
			TD	130	
延伸率 Elongation	A	%	MD	115	IPC-TM-650 2.4.19
			TD	98	
表面电阻 Surface Resistance	C-96/35/90	MΩ	1.5×10 ⁶	IPC-TM-650 2.5.17	
体积电阻率 Volume Resistivity	C-96/35/90	MΩ -cm	8.4×10 ⁸	IPC-TM-650 2.5.17	
电气强度 Dielectric Strength	D-48/50+D-0.5/23	KV/mm	66	ASTM D-149	

注释 Explanations: C=Humidity conditioning; D=Immersion conditioning in distilled water; E=Temperature conditioning.
1. Testing after laminating with treatment side of 35μ m ED copper foil in suitable condition.



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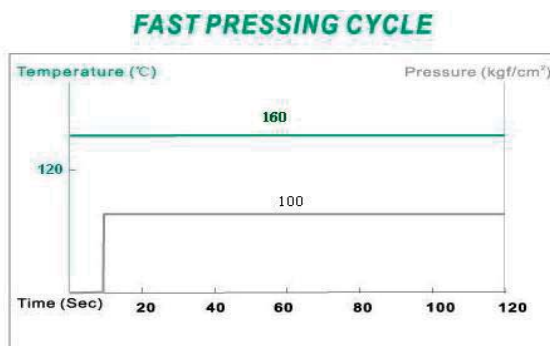
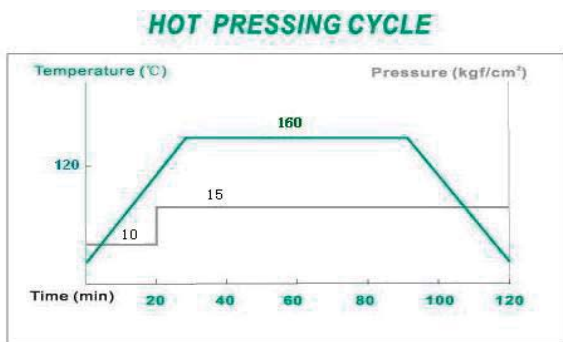
产品结构 Product Structure

白色聚酯膜 White PET Film
胶粘剂 Adhesive

产品规格代码描述 Product Code Description



压板推荐 **PRESS PROPOSE**



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。

BIF201 is supplied in rolls and standard width of 610+2/-0mm. Roll length is 100+2/-0m. Other sizes could be available upon request.

储存条件 **STORAGE CONDITION**

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 the room of dryness . Six months when stored in the original packaging at 15-25°C and 40~70% RH.