



SF385C 无卤 PI 基透明覆盖膜

SF385C

Halogen-free PI Film Based Transparent Coverlay

特点

- 粘结强度高、尺寸稳定性好。
- 优秀的耐热性、透光性和电性能。
- 溢胶量低，加工性好，适于快速压合和传统压合。
- 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。

FEATURES

- High bonding strength, good dimensional stability.
- Excellent soldering reliability, Transparency and electrical properties.
- Low adhesive flowing, good processability, suitable for both fast and traditional lamination style.
- Compatible with EU RoHS directive, free of Pb, Hg, Cd, Cr⁶⁺, PBB, PBDE, etc..

性能表 GENERAL PROPERTIES

性能项目 Test Item	测试方法 Test Method	单位 Unit	IPC 标准 值* Standard	典型值 Typical Value
				SF385C 1025
溢胶量 Resin Flow	In-house Test Method	mm	-	<0.2
剥离强度 Peel Strength (90°)	IPC-TM-650 2.4.9 Method A Method C	N/mm	≥0.7 ≥0.525	1.2 1.0
热应力 Thermal Stress	IPC-TM-650 2.4.13	-	Pass	Pass
可见光透过率 Visible Light Transmittance	A 态 Acceptance	%	-	87
尺寸稳定性 Dimensional Stability	In-house Test Method	%	±0.2	MD:0.01 TD:0.02
耐化学性 Chemical Resistance	IPC-TM-650 2.3.2	%	≥80	90
吸水率 Moisture Absorption	IPC-TM-650 2.6.2	%	≤4	1.8
电气强度 Dielectric Strength	IPC-TM-650 2.5.6.2	V/μm	≥80	101
介电常数 (10GHz) Dielectric constant	IPC-TM-650 2.5.5.3	-	≤4.0	3.3
介质损耗角正切 (10GHz) Dissipation factor		-	≤0.4	0.0187

注释 Remarks:* Certified to IPC-4203/2

应用领域

LED 显示。

APPLICATIONS

LED display.



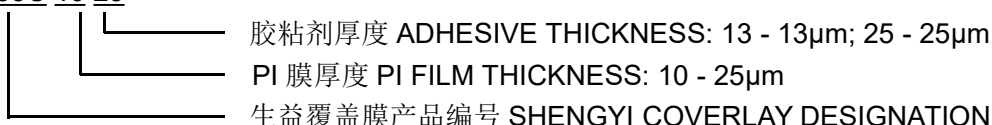
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产品规格代码描述 Product Code Description

SF385C 10 25

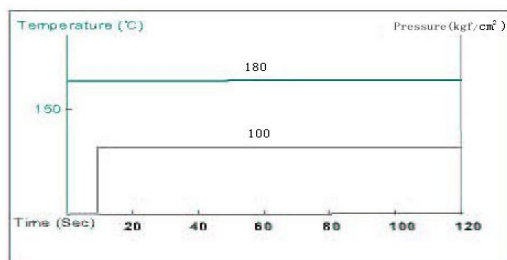


常规产品表 SPECIFICATIONS OF STANDARD PRODUCTS

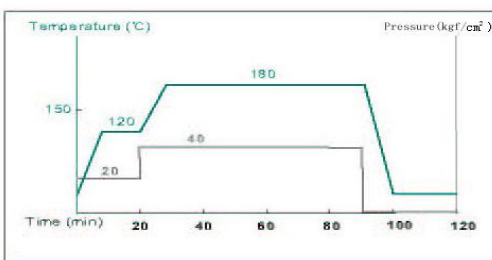
产品规格 Specifications	PI 膜厚度 (μ m) PI film Thickness (μ m)	胶粘剂厚度 Adhesive Thickness (μ m)	应用领域 Applications
SF385C 0515	12.5	15	LED 显示 LED display
SF385C 0525	12.5	25	
SF385C 1025	25	25	
SF385C 1035	25	35	

压板推荐 PRESS PROPOSE

FAST PRESSING CYCLE



HOT PRESSING CYCLE



传压参数根据不同设备及产品规格需作相应调整；采用快压方式，后固化条件是 160-180 $^{\circ}$ C 、60-90 分钟。

The parameters of hot pressure need to be adjusted according to different equipment and product specifications. After fast press, the curing condition is 160-180 $^{\circ}$ C for 60-90min.

包装 PURCHASING INFORMATION

产品宽度250+2/-0 mm或500+2/-0 mm，每卷100+2/-0 米；其它规格、尺寸可根据客户要求而定。SF385C is supplied in rolls and standard width of 250+2/-0 mm or 500+2/-0 mm. Roll length is 100+2/-0 m. 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4-10 $^{\circ}$ C 的冷藏室里，贮存期为三个月。Stored in dry room with humidity control and with no corrosive gases. Three months when stored in the original packaging at 4-10 $^{\circ}$ C.