



SF215C 阻燃型黑色聚酰亚胺薄膜覆盖膜

SF215C Flame-resistant type black polyimide film based coverlay

特点

- 透明度低，遮光性佳。
- 阻燃性达到 UL94 V-0 级。
- 优秀的耐热性、耐化学性和电性能。
- 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

- Low transparence, excellent light-blocking.
- Flammability UL94 V-0.
- Excellent soldering reliability, chemical resistance 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
				SF215C 0205
溢胶量 Resin Flow	SY Method	mm	-	<0.15
剥离强度 Peel Strength (90°)	IPC-TM-650,No.2.4.9 Method A Method C	N/mm	≥0.7 ≥0.53	0.8 0.8
热应力 Thermal Stress	IPC-TM-650,No.2.4.13	-	Pass	Pass
尺寸稳定性 Dimensional Stability	SY Method	%	±0.2	MD:0.0483 TD:0.0263
耐化学性 Chemical Resistance	IPC-TM-650,No.2.3.2	%	≥80	>85
体积电阻率 Volume Resistivity	IPC-TM-650,No.2.5.17	MΩ-cm	≥10 ⁶	4.07×10 ¹⁰
表面电阻 Surface Resistance	IPC-TM-650,No.2.5.17	MΩ	≥10 ⁴	1.01×10 ⁶
燃烧性 Flammability	UL 94	-	UL94 V-0	UL94 V-0

注释 Explanations: * Certified to IPC-4203/2 Epoxy adhesive on one or two sides of polyimide dielectric

应用领域

挠性印制电路板用覆盖膜。

APPLICATIONS

Coverlay for FPC.

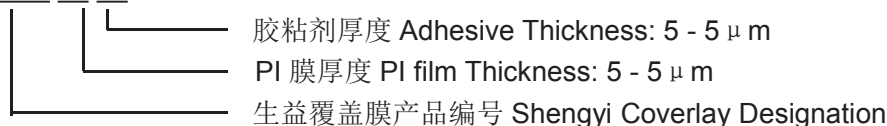


SF215C 阻燃型黑色聚酰亚胺薄膜覆盖膜

SF215C Flame-resistant type black polyimide film based coverlay

产品规格代码描述 Product Code Description

SF215C 02 05

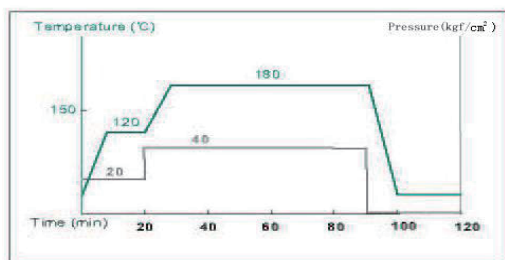


常规产品表 SPECIFICATIONS OF STANDARD PRODUCTS

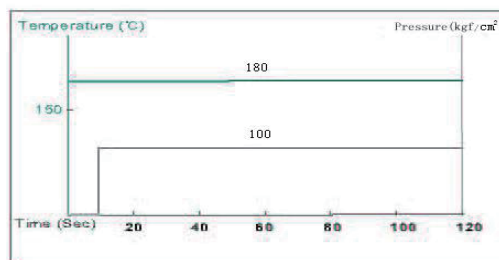
产品规格 Specifications	PI膜厚度 (μ m) PI film Thickness	胶粘剂厚度 (μ m) Adhesive Thickness	应用举例 Applications
SF215C 0205	5	5	挠性印制电路板用覆盖膜 Coverlay for FPC

压板推荐 PRESS PROPOSE

HOT PRESSING CYCLE



FAST 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 150-160 $^{\circ}$ 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 150-160 $^{\circ}$ C for 60-90min.

包装 PURCHASING INFORMATION

产品宽度 250+2/-0mm 或 500+2/-0mm，每卷 100+2/-0 米或 200+2/-0 米；其它规格、尺寸可根据客户要求而定。SF325C is supplied in rolls and standard width of 250+2/-0mm or 500+2/-0mm. Roll length is 100+2/-0m or 200+2/-0m. Other sizes could be available upon request.

贮存条件 STORAGE CONDITION

贮存在干燥的室内；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 the room of dryness . Three months when stored in the original packaging at 4-10 $^{\circ}$ C.