



SF206C Low Dk/Df 聚酰亚胺薄膜覆盖膜

SF206C Low Dk/Df Polyimide Film Based Coverlay

特点

- 低介电常数，低传输损耗
- 优秀的耐热性、耐化学性和电性能
- 不含卤素，阻燃性达到 UL94 V-0 .
- 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 dielectric constant, low dissipation loss.
- Excellent thermal resistance ,chemical resistance and electrical property
- Halogen free, Flammability UL94 V-0.
- 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 SF206C 0515
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	≥0.8 ≥0.8	0.92 0.92
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: -0.0223 TD: -0.0393
耐化学性 Chemical Resistance	IPC-TM-650,No.2.3.2	%	≥80	>85
吸水率 Moisture Absorption	IPC-TM-650,No.2.6.2	%	≤3	0.53
体积电阻率 Volume Resistivity	IPC-TM-650,No.2.5.17	MΩ-cm	≥10 ⁶	4.8×10 ⁸
表面电阻 Surface Resistance	IPC-TM-650,No.2.5.17	MΩ	≥10 ⁵	1.2×10 ⁶
介电常数 10GHZ Dielectric Constant	IEC-61189-2-721	-	≤3.5	2.76
介电损耗 10GHZ Dissipation Factor	IEC-61189-2-721	-	≤0.02	0.0036

注释 Remarks: * Certified to IPC-4203/21 Polyimide dielectric with polyimide adhesive

应用领域

高频印制板和刚挠性印制板。

APPLICATIONS

Be used in high frequency FPC and rigid-flex PCB.



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产品规格代码描述 Product Code Description

SF206C 05 15

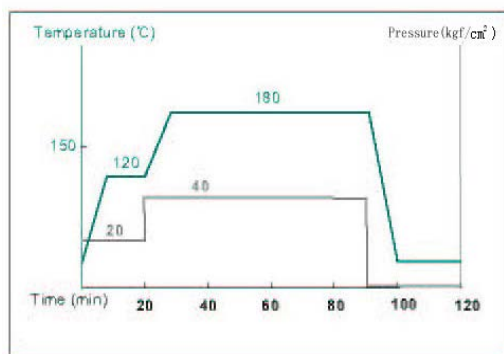


常规产品表 SPECIFICATIONS OF STANDARD PRODUCTS

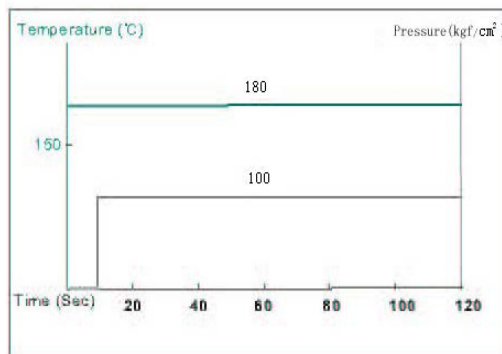
产品规格 Specifications	PI 膜厚度 (μm) PI film Thickness	胶粘剂厚度 (μm) Adhesive Thickness	应用领域 Applications
SF206C 0515	12.5	15	高频印制板和刚挠 性印制板 high frequency FPC and rigid-flex PCB
SF206C 0520	12.5	20	
SF206C 0525	12.5	25	
SF206C 1025	25	25	
SF206C 1030	25	30	

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，后固化条件是氮气烘箱 180℃、120 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 Nitrogen gas oven 180℃ for 120min.

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。SF206C 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、无腐蚀气体的室内。以原始包装贮存在 4-10℃ 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℃.