



# BIF203 无卤黑色绝缘覆盖膜

BIF203 Halogen-free PET insulation bonding sheet

## 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

CCS 热压  
动力电池包侧板

## APPLICATIONS

Hot pressing for CCS  
Side plate of Power battery pack

## 性能表 GENERAL PROPERTIES

性能项目 Test Item	试验处理条件 Treatment Condition	单位	典型值	测试方法 Test Method	
剥离强度 (胶膜/铝板) Peel Strength (Adhesive / Aluminium plate)	A	N/mm	2.2	GB/T 2790-1995	
尺寸稳定性 Dimensional Stability	E-0.5/150	%	MD	-0.30	IPC-TM-650 2.2.4
			TD	-0.52	
拉伸强度 Tensile Strength	A	MPa	MD	121	IPC-TM-650 2.4.19
			TD	145	
延伸率 Elongation	A	%	MD	108	IPC-TM-650 2.4.19
			TD	94	
介电常数 (1MHz) Dielectric Constant (1MHz)	C-24/23/50	-	3.16	IPC-TM-650 2.5.5.3	
介质损耗角正切 (1MHz) Dissipation Factor (1MHz)	C-24/23/50	-	0.02	IPC-TM-650 2.5.5.3	



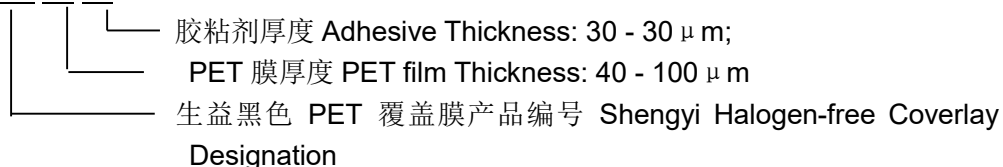
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表面电阻 Surface Resistance	C-96/35/90	M $\Omega$	$3.55 \times 10^4$	IPC-TM-650 2.5.17
体积电阻率 Volume Resistivity	C-96/35/90	M $\Omega$ - cm	$6.76 \times 10^8$	IPC-TM-650 2.5.17
电气强度 Dielectric Strength	D-48/50+D-0.5/23	KV/m m	52	ASTM D-149
吸水率 Moisture Absorption	E-1/105+D-24/23	%	1.0	IPC-TM-650 2.6.2

## 产品规格代码描述 Product Code Description

BIF203 40 30



## 压合推荐 PRESS PROPOSE

压合步骤	温度 (°C)	时间(s)	压合压力
热压	150~160	300~600s	15~20Kg

## 贮存条件 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.