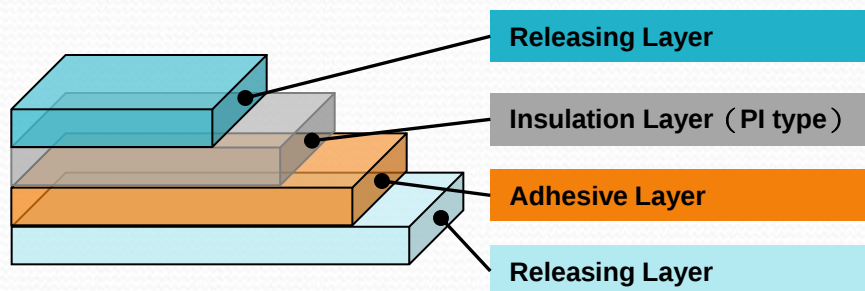


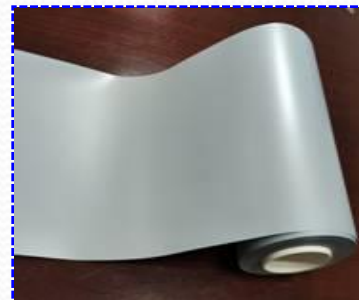
黑色超薄覆盖膜

Black Ultra-thin Coverlay

◆ 产品叠构 Product Structure



◆ 产品实例 Product Samples



HPB0805

◆ 产品特点 Product Feature

- 优异耐热性能 Excellent heat resistance
- 不含卤素及锑元素、有优良的环保性能 Green material without halogen and antimony
- 优异耐化性能 Excellent chemical resistance
- 自主研发 Design and research independently

◆ 产品特性 Characteristics

检验项目 Test Items	测试条件 Condition of Testing	单位 Units	产品 Product		测试方法 Test Method
			HPB0805	HPB0513	
厚度 (Thickness)	A	μm	13±10%	18±10%	APLUS SPEC
溢胶量 (Resin flow)	A	mm	≤0.10	≤0.10	IPC-TM-650 2.3.17.1
剥离强度 (Peel strength)	A	kgf/cm	≥1.0	≥1.0	IPC-TM-650 2.4.9
焊锡耐热性 (Solder resistance)	10 seconds at 288℃	-	PASS	PASS	IPC-TM-650 2.4.13
尺寸安定性 (Dimensional stability)	A	%	MD≤± 0.15 TD≤± 0.15	MD≤± 0.15 TD≤± 0.15	IPC-TM-650 2.2.4
耐化性 (Chemical resistance)	IPA/MEK/2M HCl/ 2M NaOH	%	≤20	≤20	IPC-TM-650 2.3.2
光泽度 (Gloss)	60°	GU	15	17	ASTM D523
耐燃性 (Flame class)	A	-	V-0	V-0	UL 94
储存期限 (Shelf life)	≤10℃, 40-70%RH	month	3 months in the original producing		APLUS SPEC

*所有数据为测试代表值 All data are representative value and not guarantee.