

無膠雙面板

Adhesiveless Double Side FCCL

I. 主要特性 Features

1. 極佳的撓曲性及剝離強度 Outstanding flexibility and peel strength;
2. 優異的耐熱性和耐化學品性 Excellent thermal resistance and chemical resistance;
3. 良好的尺寸穩定性 Good dimensional stability;
4. 無鹵無銻符合 ROHS 要求 Halogen free and antimony free, meets ROHS requirements
5. 阻燃達到 UL94V-0/VTM-0 Excellent flammability and UL94V-0/VTM-0.

II. 主要性能表 General Properties

Item	Type		IF-2LD 2570	Remark				
Spec	Material							
Spec	TPI Film (μm)		25	Width 250mm, 500mm Length 100m				
	Copper Foil (μm)		70	Standard				
Properties	Test Item	Condition	Value	1OZ	2OZ	Test Method		
	Peel Strength (Kgf/cm)	A	90°	> 2.0	≥ 1.4	≥ 1.8	IPC-TM-650 2.4.9	
		Chemical Resistance (%)	IPA	Dipping /10min	<3	≤ 20		IPC-TM-650 2.3.2
			NaOH		<3			
	HCl	<3						
	Water Absorption (%)		D-24/23	<1.80	≤ 2.0		IPC-TM-650 2.6.2	
	Solder Resistance		288°C/10S/ 3次	OK	288°C/10S/3次		IPC-TM-650 2.4.13	
	Dimensional Stability (%)	MD	Method B	-0.03~0.07	$\leq \pm 0.08$		IPC-TM-650 2.2.4	
		TD		-0.02~0.08				
		MD	Method C	-0.05~0.05	$\leq \pm 0.10$			
		TD		-0.04~0.06				
	Volume Resistance ($\Omega\text{-cm}$)		C-96/23/65	$> 2 \times 10^{13}$	$\geq 10^{13}$		IPC-TM-650 2.5.17	
	Surface Resistance (Ω)			$> 2 \times 10^{12}$	$\geq 10^{12}$			
Insulation Resistance (Ω)		$> 1 \times 10^9$		$\geq 10^9$		IPC-TM-650 2.6.3.2		
Dielectric Constant (2GHz)		C-24/23/50	< 3.4	≤ 4.0		IPC-TM-650 2.5.5.3		
Dissipation Factor (2GHz)			< 0.012	≤ 0.04				
Flammability		---	VTM-0	V-0/ VTM-0		UL94		

注：以上所列數據僅供參考，詳見出貨報告。Note: Data shown above are nominal values for reference only, for details please refer to COA.

III. 儲存條件 Storage

真空包裝：30°C 以下，濕度 70% 以下，儲存一年。Vacuum Packaging: Lower than 30°C and 70%RH for one year.