

鴻銳科技股份有限公司

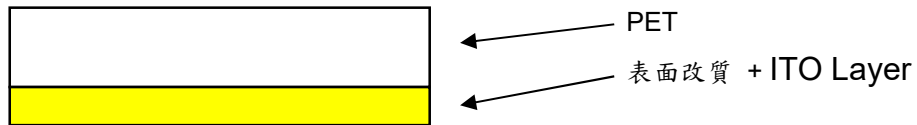
Acute Touch Technology Co., Ltd

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Acute Touch ITO Film FE-C612-OE

FE-C612-OE ITO Film 是使用光學等級的 PET 基材所做成的導電光學膜。
 可應用於各式電激發光元件 Electroluminescent (EL), 或 EMI shielding 的應用。

產品結構



FE-C612-OE Specification					
Parameters		Unit	Specification		
Substrate Thickness		μm	188		
Substrate Width		mm	420		
Surface Resistance (ASTM D257)		Ω/□	230±10%		
Uniformity (ASTM D257)		%	≤ 10.0		
Linearity		%	≤ 1.0		
Haze (ASTM D1003)		%	≤ 1.6		
Total Transmission (ASTM D1003)		%	85		
Pencil Hardness (JIS K5600, 500g)		-	-		
ITO Tape Adhesion (JIS K5600)		-	5B		
Lab Value (b*) (ASTM D1003)		-	7.5±1		
Anti-Newton Ring		-	-		
Heat Shrinkage (130°C, 30 mins)	MD	%	≤ 0.15		
	TD	%	≤ 0.15		
Heat Curling (130°C, 30 mins)	MD	mm	≤ 5		
	TD	mm	≤ 5		
Reliability Performance					
Parameters		Unit	R/R ₀	ΔHaze	ΔT.T
High Temp. (80°C), 240 hrs		%	≤ 1.2	≤ 1.0	≤ 1.0
Damp Heat (60°C at 90% RH), 24 hrs		%	≤ 1.2	≤ 1.0	≤ 1.0
Chemical (Acetone, Alcohol, Toluene)		%	≤ 1.2	≤ 1.0	≤ 1.0

Note: 標準品不覆保護膜。如需保護膜，請先告知使用上的需求。