



## 高盛電子科技ITO Film產品--單面防刮層SPECS

ITEM		Test condition	GS40I30-188			
<b>Material</b>	Structure		<table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td>HC</td></tr> <tr><td>PET</td></tr> <tr><td style="background-color: yellow;">ITO</td></tr> </table>	HC	PET	ITO
	HC					
	PET					
ITO						
PET Film Thickness (μm)		Thickness gauge	188			
Total Thickness (μm)		Thickness gauge	195±5			
<b>optical property</b>	Total light Transmittance (%)		ASTM D1003			
	Haze (%)		ASTM D1003			
	Lab Value	b*	ASTM D1003			
<b>Electrical property</b>	Sheet Resistance R0 (Ω/□)	Before heating	4-point-probe			
		After heating	150°C , 30min , 4-point-probe			
	Sheet Resistance uniformity (%)		Linearity	<5		
<b>Thermal property</b>	Curl (H,mm)		sample size:100mm X 100mm			
	Thermal Shrinkage	MD (%)	sample size:100mm X 100mm			
		TD (%)	sample size:100mm X 100mm			
<b>Mechanical property</b>	Hardness	HC	JIS K5600 (500g)			
	Adhesion	HC	JIS K5600			
		ITO	JIS K5600			
<b>Reliability</b>	High temp.Stability (R/R0)		150°C , 30min			
	Low temp.Stability (R/R0)		-30°C , 240hr			
	Humidity Stability (R/R0)		60°C , 95%RH , 240hr			
	Thermal shock Stability (R/R0)		-30°C(30min) ~ -85°C(30min) , 50 cycle			
<b>Chemical property</b>	Ethanol (R/R0)		R.T , 30min			
	Acetone (R/R0)		R.T , 30min			
	Toluene (R/R0)		R.T , 30min			

交貨出貨尺寸一定能符合貴公司需求  
 希望有機會全力配合, 共創美好未來