

**WONDERLITE® PC-6710**

無鹵透明阻燃 PC · 可應用於導光柱、電器明板

物性項目	條件	數值	單位	測試方法
<b>物理特性</b>				
比重	23°C	1.20		ISO 1183
熔融指數	300°C/1.2kg	10	cm <sup>3</sup> /10min	ISO 1133
收縮率		0.4~0.6	%	ISO 2577
洛式硬度	23°C	R-123	---	ISO 2039-2
線膨脹係數	Flow:23-55°C	6.80E-05	cm/cm/°C	ISO11359-2
<b>機械特性</b>				
拉伸強度 @ Yield	50mm/min	60	MPa	ISO 527
拉伸強度 @ break	50mm/min	65	MPa	ISO 527
延伸率 @ Break	50mm/min	120	%	ISO 527
彎曲強度	2mm/min	90	MPa	ISO 178
彎曲模量	2mm/min	2300	MPa	ISO 178
Izod 衝擊強度 ( 3.2mm )	Notched, 23°C	60	kJ/m <sup>2</sup>	ISO 180
Izod 衝擊強度 ( 3.2mm )	Notched, -30°C	15	kJ/m <sup>2</sup>	ISO 180
Charpy 衝擊強度 ( 3.2mm )	Notched, 23°C	60	kJ/m <sup>2</sup>	ISO 179
Charpy 衝擊強度 ( 3.2mm )	Notched, -30°C	15	kJ/m <sup>2</sup>	ISO 179
<b>耐熱溫度</b>				
熱變形溫度 ( 未退火 )	4mm,1.82MPa	125	°C	ISO 75
	4mm,0.45MPa	136		
維卡軟化點 ( 未退火 )	1kg, 50°C/hr	150	°C	ISO 306
	5kg, 50°C/hr	145		
<b>光學特性</b>				
Light Transmission	2mm	>87	%	ASTM D-1003
Haze	2mm	<1.2	%	ASTM D-1003
<b>電器性質</b>				
介電常數	1MHz	3	--	IEC 60250

體積阻抗	--	1E+16	Ohm*m	IEC 60093
表面阻抗	--	1E+16	Ohm	IEC 60093

### 阻燃性

防火等級		2.5mm V0		UL-94
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### 建議加工條件

		120	°C
烘料溫度		4	Hrs
烘料時間		280~310	°C
料管溫度		70~100	°C

All figures listed here is for reference, not guaranteed.

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