

WONDERLOY® PC-560K

無鹵阻燃 PC 合金樹脂，具高耐熱性和高韌性，廣泛使用於 IT 網通、電子消費產品

物性項目	條件	數值	單位	測試方法
物理特性				
比重	23°C	1.17		ISO 1183
熔融指數	260°C/2.16kg	12	cm ³ /10min	ISO 1133
收縮率		0.4~0.6	%	ISO 2577
洛氏硬度	23°C	R-119	---	ISO 2039-2
線膨脹係數	Flow:23-55°C	8.00E-05	cm/cm/°C	ISO11359-2
機械特性				
拉伸強度 @ Yield	50mm/min	54	Mpa	ISO 527
拉伸強度 @ break	50mm/min	48	Mpa	ISO 527
延伸率 @ Break	50mm/min	120	%	ISO 527
彎曲強度	2mm/min	70	Mpa	ISO 178
彎曲模量	2mm/min	2250	Mpa	ISO 178
Izod 衝擊強度 (3.2mm)	Notched, 23°C	50	kJ/m ²	ISO 180
Charpy 衝擊強度 (3.2mm)	Notched, 23°C	50	kJ/m ²	ISO 179
耐熱性質				
熱變形溫度 (未退火)	4mm,1.82Mpa	94	°C	ISO 75
維卡軟化點 (未退火)	1kg, 50°C/hr	118	°C	ISO 306
電器性質				
介電常數	1MHz	3.1	--	IEC 60250
體積阻抗	--	3.9E+15	Ohm*m	IEC 60093
表面阻抗	--	2.9E+15	Ohm	IEC 60093
阻燃性				
防火等級		2.5mm V0		UL-94

CHIMEI

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建議加工條件

烘料溫度	80	°C
烘料時間	3~4	Hrs
料管溫度	220~260	°C
模具溫度	50~100	°C

All figures listed here is for reference, not guaranteed.

Final revised date : 2015/01

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