

## Flame Retardant PC WONDERLITE® Characteristics

## PC-110V

特性 PROPERTIES	測試方法 ASTM TEST METHOD	測試條件 TEST CONDITION	單位 UNIT	阻燃級 FLAME RETARDANT
				PC-110V
熔融指數 Melt Flow Index	D1238	300 °C, 1.2 Kg	g/10 min	10.0
比重 Mass Density	D792	23 °C	-	1.2
硬度 Hardness	D785	-	M Scale	77
拉伸強度 (屈服) Tensile Strength (Yield)	D638	6 mm/min	Kg/cm <sup>2</sup>	630
			lb/in <sup>2</sup>	8935
延伸率 Tensile Elongation	D638	6 mm/min	%	110
彎曲強度 Flexural Strength	D790	1.3 mm/min	Kg/cm <sup>2</sup>	920
			lb/in <sup>2</sup>	13030
彎曲彈性模數 Flexural Modulus	D790	1.3 mm/min	10 <sup>4</sup> Kg/cm <sup>2</sup>	2.4
			10 <sup>5</sup> lb/in <sup>2</sup>	3.4
IZOD 衝擊強度 Izod Impact Strength	D256 (Notched)	3.2 mm, 23°C	Kg-cm/cm	87
			ft-lb/in	15.9
維氏軟化溫度 Vicat Softening Temp.	D1525	1 Kg, 50 °C/hr	°C	150
			°F	302
熱變形溫度 Heat Distortion Temp.	D648	Unannealed	°C	125
			°F	257
UL 燃燒等級 UL Flammability	UL 94	-	-	3.0 mm V-2

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Notes : These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests.

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