

## Flame Retardant PC WONDERLITE® PC-616LS

產品敘述: 1.0mm V-0, Low smoke density, Opaque

物性	ISO 測試方法	測試條件	單位	PC-616LS
熔融指數	1133	300°C × 1.2KG	ml/10 min	10
Spiral flow	CHIMEI	260°C, 2mm, V:50%, P:50%	cm	—
比重	1183	23 °C	g/cm <sup>3</sup>	1.2
拉伸強度	527	50 mm/min, yield	MPa	60
		50 mm/min, break	MPa	70
延伸率	527	50 mm/min	%	120
彎曲強度	178	2 mm/min	MPa	90
彎曲彈性模數		2 mm/min	GPa	2.3
IZOD 衝擊強度	180/1A	23 °C, 1/8" Notched	KJ/m <sup>2</sup>	60
		-30 °C, 1/8" Notched	KJ/m <sup>2</sup>	15
Charpy 衝擊強度	179	23 °C, 1/8" Notched	KJ/m <sup>2</sup>	60
		-30 °C, 1/8" Notched	KJ/m <sup>2</sup>	15
維氏軟化溫度	306	1 Kg, 50 °C/hr	°C	150
		5 Kg, 50 °C/hr	°C	145
熱變形溫度	75/A	1.8 MPa Unannealed	°C	125
		1.8 MPa Annealed	°C	140
介電系數	IEC 60250	1MHz	--	3
體積電阻率	IEC 60093	--	Ohm X m	3.6E+14
表面電阻率	IEC 60093	--	Ohm	9.3E+14
線膨脹係數	11359	--	--	6.7*10-5
燃燒等級	--	UL-94	--	1.0mm V-0 2.0mm 5VB 3.0mm 5VA
成型收縮率	294-4	--	%	0.4~0.6
標記	1043	--	--	>PC<

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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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