

Flame Retardant PC Alloy WONDERLOY® PC-510

產品敘述: High flow

物性	ISO 測試方法	測試條件	單位	PC-510
熔融指數	1133	260°C×2.16KG	ml/10 min	21
Spiral flow	CHIMEI	260°C, 2mm, V:50%, P:50%	cm	45
比重	1183	23 °C	g/cm ³	1.17
拉伸強度	527	50 mm/min, yield	MPa	55
		50 mm/min, break	MPa	45
延伸率	527	50 mm/min	%	110
彎曲強度	178	2 mm/min	MPa	80
彎曲彈性模數		2 mm/min	GPa	2.5
IZOD 衝擊強度	180/1A	23 °C, 1/8" Notched	KJ/m ²	45
		-30 °C, 1/8" Notched	KJ/m ²	—
Charpy 衝擊強度	179	23 °C, 1/8" Notched	KJ/m ²	45
		-30 °C, 1/8" Notched	KJ/m ²	—
維氏軟化溫度	306	1 Kg, 50 °C/hr	°C	94
		5 Kg, 50 °C/hr	°C	85
熱變形溫度	75/A	1.8 MPa Unannealed	°C	73
		1.8 MPa Annealed	°C	—
介電系數	IEC 60250	1MHz	--	3.1
體積電阻率	IEC 60093	--	Ohm X m	3.9E+15
表面電阻率	IEC 60093	--	Ohm	2.9E+15
線膨脹係數	11359	--	--	8*10 ⁻⁵
燃燒等級	--	UL-94	--	1.5mm V-0 2.1mm 5VB 3.0mm 5VA
成型收縮率	294-4	--	%	0.4~0.6
標記	1043	--	--	>ABS+PC-FR(40)<

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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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