

Flame Retardant PC Alloy WONDERLOY® PC-545

產品敘述: PC/ABS alloy, non-halogen Flame Retardant, High HDT

物性	ISO 測試方法	測試條件	單位	PC-545
熔融指數	1133	260°C×2.16KG	cm³/10 min	10
		260°C×5KG	cm³/10 min	26
Spiral flow	CHIMEI	260°C, 2mm, V:50%, P:50%	cm	24.7
比重	1183	23 °C	g/cm³	1.19
拉伸強度	527	50 mm/min, yield	MPa	63
		50 mm/min, break	MPa	62
延伸率	527	50 mm/min	%	107
彎曲強度	178	2 mm/min	MPa	94
彎曲彈性模數		2 mm/min	GPa	2.4
IZOD 衝擊強度	180/4A	23 °C, 1/8" Notched	KJ/m²	63
		-30 °C, 1/8" Notched	KJ/m²	15
Charpy 衝擊強度	179	23 °C, 1/8" Notched	KJ/m²	60
		-30 °C, 1/8" Notched	KJ/m²	14
維氏軟化溫度	306	10 N, 50 °C/hr	°C	127
		50 N, 50 °C/hr	°C	121
熱變形溫度	75/A	1.8 MPa Unannealed	°C	102
		0.45 MPa Unannealed	°C	114
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	--	1.2 mm V-0 2.5 mm 5VA
成型收縮率	294-4	--	%	0.1~0.3
洛氏硬度	2039-2	R-scale, 23°C	--	126
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 test

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