CHIMEI
a step up

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Flame Retardant PC Alloy WONDERLOY® PC-540

產品敘述: High heat

物性	ISO 測試方法	測試條件	單位	PC-540
熔融指數	1133	260℃×2.16KG	ml/10 min	20
Spiral flow	CHIMEI	260℃,2mm,V:50%,P:50%	cm	40
比重	1183	23 ℃	g/cm^3	1.18
拉伸強度	527	50 mm/min, yield	MPa	60
		50 mm/min, break	MPa	55
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	2.5
IZOD 衝擊強度	180/1A	23 ℃,1/8” Notched	KJ/m^2	40
		-30 ℃,1/8” Notched	KJ/m^2	–
Charpy 衝擊強度	179	23 ℃,1/8” Notched	KJ/m^2	40
		-30 ℃,1/8” Notched	KJ/m^2	–
維氏軟化溫度	306	1 Kg,50 ℃/hr	℃	107
		5 Kg,50 ℃/hr	℃	101
熱變形溫度	75/A	1.8 MPa Unannealed	℃	83
		1.8 MPa Annealed	℃	–
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 2.0mm 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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