

Flame Retardant PC Alloy WONDERLOY® PC-990

产品叙述: 1.5mm V-0, UL 746C f1, UV Stabilized, Ultra-High heat, High impact

物性	ISO 测试方法	测试条件	单位	PC-990
熔融指数	1133	260°C×5KG	ml/10 min	21
Spiral flow	CHIMEI	260°C,2mm,V:50%,P:50%	cm	-
比重	1183	23 °C	g/cm ³	1.2
拉伸强度	527	50 mm/min, yield	MPa	55
		50 mm/min, break	MPa	60
延伸率	527	50 mm/min	%	120
弯曲强度	178	2 mm/min	MPa	80
弯曲弹性模数		2 mm/min	GPa	2.2
IZOD 冲击强度	180/1A	23°C, Notched	KJ/m ²	65
		-30°C, Notched	KJ/m ²	20
Charpy 冲击强度	179	23°C, Notched	KJ/m ²	65
		-30°C, Notched	KJ/m ²	20
维氏软化温度	306	50°C/hr;1KG	°C	128
		50°C/hr;5KG	°C	122
热变形温度	75/A	1.8MPa, unannealed	°C	102
		1.8MPa, annealed	°C	-
介电系数	IEC 60250	1MHz	--	3.1
体积电阻率	IEC 60093	--	Ohm X m	1E+15
表面电阻率	IEC 60093	--	Ohm	1.2E+15
线膨胀系数	11359	--	--	6.9*10 ⁻⁵
燃烧等级	--	UL-94	--	1.5mm V-0
成型收缩率	294-4	--	%	0.4~0.6
标记	1043	--	--	>PC+ASA-FR(40)<

August 23, 2023

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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