

Flame Retardant PC Alloy WONDERLOY® PC-992

Product Description: PC/ASA, 1.5mm V-0, UL 746C f1, UV Stabilized, High Flow

Properties	ISO Test Method	Test Condition	Unit	PC-992
Melt Flow Index	1133	260°C×2.16KG	ml/10 min	10
		260°C×5KG		30
Spiral flow	CHIMEI	260°C,2mm,V:50%,P:50%	cm	24.3
Mass Density	1183	23 °C	g/cm ³	1.20
Tensile Strength	527	50 mm/min, yield	MPa	60
		50 mm/min, break		52
Tensile Elongation	527	50 mm/min	%	100
Flexural Strength	178	2 mm/min	MPa	90
Flexural Modulus		2 mm/min	GPa	2.4
Izod Impact Strength	180/1A	23°C, Notched	KJ/m ²	56
		-30°C, Notched		8
Charpy Impact Strength	179	23°C, Notched	KJ/m ²	56
		-30°C, Notched		8
Vicat Softening Temp.	306	50°C/hr;1KG	°C	118
		50°C/hr;5KG		110
Heat Distortion Temp.	75/A	1.8MPa, unannealed	°C	93
Dielectric Constant	IEC 60250	1MHz	--	3.1
Volume Resistivity	IEC 60093	--	Ohm X m	3.9E+15
Surface Resistivity	IEC 60093	--	Ohm	2.9E+15
Coefficient of Linear Thermal Expansion	11359	-	-	8*10 ⁻⁵
Flammability	-	UL-94	-	1.5mm V-0
Weatherability	-	UL 746C	-	f1
Mold Shrinkage	294-4	-	%	0.4~0.6
Symbol	1043	-	-	>PC+ASA- 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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