

CHIMEI

a step up

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General PC Alloy WONDERLOY® PC-345P

Product Description: High flow, Electroplating

Properties	ISO Test Method	Test Condition	Unit	PC-345P
Melt Flow Index	1133	260°C×5KG	ml/10 min	17
Spiral flow	CHIMEI	260°C, 2mm, V:50%, P:50%	cm	38
Mass Density	1183	23 °C	g/cm ³	1.1
Tensile Strength	527	50 mm/min, yield	MPa	47
		50 mm/min, break	MPa	41
Tensile Elongation	527	50 mm/min	%	100
Flexural Strength	178	2 mm/min	MPa	70
Flexural Modulus		2 mm/min	GPa	1.95
Izod Impact Strength	180/1A	23°C, Notched	KJ/m ²	40
		-30°C, Notched	KJ/m ²	35
Charpy Impact Strength	179	23°C, Notched	KJ/m ²	40
		-30°C, Notched	KJ/m ²	35
Vicat Softening Temp.	306	50°C/hr; 1KG	°C	125
		50°C/hr; 5KG	°C	110
Heat Distortion Temp.	75/A	1.8MPa, unannealed	°C	93
		1.8MPa, annealed	°C	-
Dielectric Constant	IEC 60250	1MHz	--	3.1
Volume Resistivity	IEC 60093	--	Ohm X m	1E+16
Surface Resistivity	IEC 60093	--	Ohm	1E+16
Coefficient of Linear Thermal Expansion	11359	-	-	8.5*10 ⁻⁵
Flammability	-	UL-94	-	1.5mm HB
Mold Shrinkage	294-4	-	%	0.4~0.6
Symbol	1043	-	-	>PC+ABS<

March 9, 2023

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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