

Flame Retardant WONDERLOY® PC-540 J01

Product Description: High heat, Black

Properties	ISO Test Method	Test Condition	Unit	PC-540
Melt Flow Index	1133	260°C×2.16KG	ml/10 min	8
Spiral flow	CHIMEI	260°C, 2mm, V: 50%, P: 50%	cm	40
Mass Density	1183	23 °C	g/cm ³	1.18
Tensile Strength	527	50 mm/min, yield	MPa	60
		50 mm/min, break	MPa	55
Tensile Elongation	527	50 mm/min	%	120
Flexural Strength	178	2 mm/min	MPa	90
Flexural Modulus		2 mm/min	GPa	2.5
Izod Impact Strength	180/1A	23°C, Notched	KJ/m ²	65
		-30°C, Notched	KJ/m ²	–
Charpy Impact Strength	179	23°C, Notched	KJ/m ²	65
		-30°C, Notched	KJ/m ²	–
Vicat Softening Temp.	306	50°C/hr; 1KG	°C	145
Heat Distortion Temp.	75/A	1.8MPa, unannealed	°C	125
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 2.0mm 5VB 3.0mm 5VA
Mold Shrinkage	294-4	-	%	0.4~0.6
Symbol	1043	-	-	>PC+ABS- FR(40)<

June 12, 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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