

Flame Retardant PC Alloy WONDERLOY® PC-540

Product Description: High heat

Properties	ASTM Test Method	Test Condition	Unit	PC-540
Melt Flow Index	D1238	260°C, 2.16 Kg	g/10 min	21
		260°C, 5 Kg		-
Mass Density	D792	23 °C	-	1.18
Hardness	D785	-	M Scale	119
Mould Shrinkage	D955	-	%	0.4~0.6
Tensile Strength (Yield)	D638	6 mm/min	Kg/cm ²	600
			lb/in ²	8320
Tensile Elongation	D638	6 mm/min	%	75.00
Flexural Strength	D790	2.8 mm/min	Kg/cm ²	910
			lb/in ²	12900
Flexural Modulus	D790	2.8 mm/min	10 ⁴ Kg/cm ²	2.51
			10 ⁵ lb/in ²	3.5
Izod Impact Strength	D256 (Notched)	3.2 mm, 23°C	Kg-cm/cm	52
			ft-lb/in	9.52
Vicat Softening Temp.	D1525	1 Kg, 50°C/hr	°C	107
			°F	225
Heat Distortion Temp.	D648	Unannealed	°C	82
			°F	197
Flammability	UL-94	-	-	1.5 mm V-0 2.0 mm 5VB

September 20, 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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