

General PC Alloy WONDERLOY® PC-385

Product Description: Ultra high impact

Properties	ASTM Test Method	Test Condition	Unit	PC-385
Melt Flow Index	D1238	260°C, 2.16 Kg	g/10 min	-
		260°C, 5 Kg		-
Mass Density	D792	23 °C	-	1.14
Hardness	D785	-	R Scale	116
Mould Shrinkage	D955	-	%	0.4~0.6
Tensile Strength (Yield)	D638	6 mm/min	Kg/cm ²	540
			lb/in ²	7670
Tensile Elongation	D638	6 mm/min	%	65.00
Flexural Strength	D790	2.8 mm/min	Kg/cm ²	800
			lb/in ²	11340
Flexural Modulus	D790	2.8 mm/min	10 ⁴ Kg/cm ²	2.35
			10 ⁵ lb/in ²	3.4
Izod Impact Strength	D256 (Notched)	3.2 mm, 23°C	Kg-cm/cm	60
			ft-lb/in	10.98
Vicat Softening Temp.	D1525	1 Kg, 50°C/hr	°C	139
			°F	282
Heat Distortion Temp.	D648	Unannealed	°C	108
			°F	226
Flammability	UL-94	-	-	1.5 mm HB
				3.0 mm HB

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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 tests.

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