

## High Heat PC/ABS WONDERLOY® Characteristics PC-540

PROPERTIES	ASTM TEST METHOD	TEST CONDITION	UNIT	HIGH HEAT
				PC-540
<b>Melt Flow Index</b>	D1238	260 °C, 2.16 Kg	g/10 min	21
<b>Mass Density</b>	D792	23 °C	-	1.18
<b>Hardness</b>	D785	-	M Scale	119
<b>Mould Shrinkage</b>	D955		%	0.4~0.6
<b>Tensile Strength (Yield)</b>	D638	6 mm/min	Kg/cm <sup>2</sup>	600
			lb/in <sup>2</sup>	8320
<b>Tensile Elongation</b>	D638	6 mm/min	%	100
<b>Flexural Strength</b>	D790	2.8 mm/min	Kg/cm <sup>2</sup>	910
			lb/in <sup>2</sup>	12900
<b>Flexural Modulus</b>	D790	2.8 mm/min	10 <sup>4</sup> Kg/cm <sup>2</sup>	2.51
			10 <sup>5</sup> lb/in <sup>2</sup>	3.5
<b>Izod Impact Strength</b>	D256 (Notched)	3.2 mm, 23°C	Kg-cm/cm	52
			ft-lb/in	9.52
<b>Vicat Softening Temp.</b>	D1525	1 Kg, 50 °C/hr	°C	107
			°F	225
<b>Heat Distortion Temp.</b>	D648	Unannealed	°C	82
			°F	197
<b>UL Flammability</b>	UL 94	-	-	1.5 mm V-0 2.0 mm 5VB

June 16, 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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