

High Heat PC/ABS WONDERLOY® Characteristics PC-540

PROPERTIES	ASTM TEST METHOD	TEST CONDITION	UNIT	HIGH HEAT
				PC-540
Melt Flow Index	D1238	260 °C, 2.16 Kg	g/10 min	21
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	%	100
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
UL Flammability	UL 94	-	-	1.5 mm V-0 2.0 mm 5VB

