

## Non-flame retardant PC Alloy **WONDERLOY® PC-860**

Product Description: PC/ASA, UL 746C f1, UV Stabilized

PROPERTIES	ASTM TEST METHOD	TEST CONDITION	UNIT	PC-860
<b>Melt Flow Index</b>	D1238	260 °C, 2.16 Kg	g/10 min	6
		260 °C, 5 Kg		21
<b>Mass Density</b>	D792	23 °C	-	1.13
<b>Hardness</b>	D785	-	R Scale	114
<b>Mould Shrinkage</b>	D955	-	%	0.4~0.6
<b>Tensile Strength @ Yield</b>	D638	6 mm/min	Kg/cm <sup>2</sup>	510
<b>Tensile Strength @ Break</b>	D638	6 mm/min	Kg/cm <sup>2</sup>	570
<b>Tensile Elongation</b>	D638	6 mm/min	%	100
<b>Flexural Strength</b>	D790	2.8 mm/min	Kg/cm <sup>2</sup>	900
<b>Flexural Modulus</b>	D790	2.8 mm/min	10 <sup>4</sup> Kg/cm <sup>2</sup>	2.56
<b>Izod Impact Strength</b>	D256	3.2 mm, 23°C, Notched	Kg-cm/cm	55
<b>Vicat Softening Temp.</b>	D1525	1 Kg, 50 °C/hr	°C	137
		5 Kg, 50 °C/hr		120
<b>Heat Distortion Temp.</b>	D648	3.2 mm, Unannealed	°C	104
		6.4 mm, Unannealed		107
<b>Flammability</b>	UL 94	-	-	1.5mm HB
<b>Weatherability</b>	UL 746C	-	-	f1

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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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