

CHIMEI

a step up

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