

CHIMEI

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WONDERLOY® PC-540H

PC/ABS Alloy, non-halogen Flame Retardant, High flow

PROPERTIES	CONDITION	VALUE	UNIT	METHOD
<u>PHYSICAL</u>				
Specific Gravity	23°C	1.19	---	ASTM D-792
Melt Flow Index	220°C/10kg	50	g/10min	ASTM D-1238
Rockwell Hardness	23°C	R-120	---	ASTM D-785
<u>MECHANICAL</u>				
Tensile Strength @ Yield	6mm/min	600	kg/cm ²	ASTM D-638
Tensile Elongation @ Break	6mm/min	80	%	ASTM D-638
Flexural Strength	1.3mm/min	900	kg/cm ²	ASTM D-790
Flexural Modulus	1.3mm/min	26,000	kg/cm ²	ASTM D-790
Izod Impact (1/8")	Notched, 23°C	45	kg-cm/cm	ASTM D-256
<u>THERMAL</u>				
Heat Distortion Temp. (unannealed)	120°C/hr	77	°C	ASTM D-648
Vicat Softening Temp. (unannealed)	1kg, 50°C/hr	101	°C	ASTM D-1525
<u>FLAMMABILITY</u>				
Flame Rating_V0		1.5	mm	UL-94
<u>PROCESSING PARAMETERS</u>				
Drying Temperature		90	°C	
Drying Time		4	Hrs	
Barrel Temperature		230~260	°C	
Mold Temperature		>90	°C	

All figures listed here is for reference, not guaranteed.

Final revised date : 2012/12

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