

PC-122B (PC-122 color code B)

PROPERTIES	CONDITION	VALUE	UNIT	METHOD
<u>PHYSICAL</u>				
Specific Gravity	23°C	1.2	---	ASTM D-792
Melt Flow Index	300°C/1.2kg	20	g/10min	ASTM D-1238
Mold Shrinkage	3.2mm	5 ~ 7	1/1000	ASTM D-955
Rockwell Hardness	23°C	R-120	---	ASTM D-785
<u>MECHANICAL</u>				
Tensile Strength @ Yield	6mm/min	630	kg/cm ²	ASTM D-638
Tensile Elongation @ Break	6mm/min	100	%	ASTM D-638
Flexural Strength	1.3mm/min	850	kg/cm ²	ASTM D-790
Flexural Modulus	1.3mm/min	20000	kg/cm ²	ASTM D-790
Izod Impact (1/8")	23°C	70	kg-cm/cm	ASTM D-256
<u>THERMAL</u>				
Heat Distortion Temp. (unannealed)	120°C/hr	125	°C	ASTM D-648
Vicat Softening Temp. (unannealed)	50°C/hr	145	°C	ASTM D-1525
Coefficient of Thermal Expansion	Flow: -40 to 95°C	7E-5	cm/cm/°C	ASTM E-831
<u>FLAMMABILITY</u>				
Flame Rating_V2		1.6	mm	UL-94
<u>PROCESSING PARAMETERS</u>				
Drying Temperature		120	°C	
Drying Time		4	Hrs	
Barrel Temperature		260~290	°C	
Mold Temperature		70~100	°C	

All figures listed here is for reference, not guaranteed.

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