

PRODUCT : JC05610 LA25 K2500

Resin Type : PC(V0)



PROPERTIES	TEST METHOD	CONDITION	UNIT	VALUE
CHARACTERISTICS				Flame Retardant Polycarbonate (FR)
PHYSICAL				
Specific Gravity	ASTM D792	-	-	1.18
MECHANICAL				
Tensile Strength at yield	ASTM D638	50mm/min	kgf/cm ²	600
Tensile Elongation at break	ASTM D638	50mm/min	%	100
Flexural Strength at yield	ASTM D790	2.8mm/min	kgf/cm ²	800
Flexural Modulus	ASTM D790	2.8mm/min	kgf/cm ²	26,000
Izod Impact Strength, notched	ASTM D256	1/8 inch at 23 °C	kgf·cm/cm	60
Rockwell Hardness	ASTM D785	R scale	-	120
THERMAL				
Melt Index	ASTM D1238	300 °C/1.2kg	g/10min	20
HDT	ASTM D648	18.6kgf/cm ² , 6.4mm	°C	120
OTHERS				
Flammability	UL94	V-0	mm	1.5
Mold Shrinkage	ASTM D955	Flow at 3.2mm	%	0.5~0.7

1. The value above is the representative value of the NP or representative color and may have deviation. It can only be used for selecting materials.

2. The value above shall not be regarded as a material specification and cannot be used for molding designs.