

**PRODUCT : JF55610**  
**Resin Type : PC/GF10%**



PROPERTIES	TEST METHOD	CONDITION	UNIT	VALUE
<b>CHARACTERISTICS</b>				Glass fiber reinforced Polycarbonate
<b>PHYSICAL</b>				
Specific Gravity	ASTM D792	-	-	1.28
<b>MECHANICAL</b>				
Tensile Strength at yield	ASTM D638	5mm/min	kgf/cm <sup>2</sup>	620
Tensile Elongation at break	ASTM D638	5mm/min	%	10
Flexural Strength at yield	ASTM D790	2.8mm/min	kgf/cm <sup>2</sup>	900
Flexural Modulus	ASTM D790	2.8mm/min	kgf/cm <sup>2</sup>	34,000
Izod Impact Strength, notched	ASTM D256	1/8 inch at 23 °C	J/m	78
Rockwell Hardness	ASTM D785	R scale	-	118
<b>THERMAL</b>				
Melt Index	ASTM D1238	250°C/10kg	g/10min	30
HDT	ASTM D648	18.6kgf/cm <sup>2</sup> , 6.4mm	°C	130
<b>OTHERS</b>				
Flammability	UL94	-	mm	-
Mold Shrinkage	ASTM D955	Flow at 3.2mm	%	0.4~0.6

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.