

**Product Description**

10% Glass Fiber Reinforced, Polycarbonate

**General Considerations**

Resin ID (ISO 1043)	· PC GF10
Filler / Reinforcement	· Glass Fiber, 10% Filler by Weight
Processing	· Injection Molding
Color	· Natural

**- The information below is for informational purposes only and should not be adopted as specification limits**

<b>Physical</b>	<b>Value</b>	<b>Unit</b>	<b>Method</b>
Density / Specific Gravity	1,22	g/cm <sup>3</sup>	ASTM D 792/A
Melt Mass-Flow Rate (300°C;1,2kg)	12	g/10min	ASTM D 1238/A

<b>Mechanical</b>	<b>Value</b>	<b>Unit</b>	<b>Method</b>
Yield Stress	70	MPa	ISO 527-1-2
Yield Strain	7	%	ISO 527-1-2
Flexural Strength	120	MPa	ISO 178
Flexural Modulus	3000	MPa	ISO 178
Izod Notched Impact Strength 23°C	13	kJ/m <sup>2</sup>	ISO 180/1A

<b>Thermal</b>	<b>Value</b>	<b>Unit</b>	<b>Method</b>
Heat Deflection Temperature 1,8 Mpa	120	°C	ISO 75

<b>Flammability</b>	<b>Value</b>	<b>Unit</b>	<b>Method</b>
Flame Rating	HB	-	UL94

<b>Process</b>	<b>Value</b>	<b>Unit</b>	<b>Method</b>
Molding Process Temperature	280 to 320	°C	--
Mold Temperature	90 to 110	°C	--
Drying	120/4	°C/Hours	--

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