

Product Description

Reinforced, Polycarbonate

General Considerations

Resin ID (ISO 1043)	· PC GF10	
Processing	· Injection Molding	· Extrusion
Color	· Natural	

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

Physical	Value	Unit	Method
Density / Specific Gravity	1,28	g/cm ³	ASTM D 792/A
Mold Shrinkage	0,4	%	ASTM D 955
Water Absorption	0,12	%	ASTM D 570
Melt Mass-Flow Rate - 300°C; 1,2kg	10	g/10min	ASTM D 1238/A

Mechanical	Value	Unit	Method
Tensile Strength	80	MPa	ASTM D 638
Elongation at Break	4	%	ASTM D 638
Flexural Strength	95	MPa	ASTM D 790
Flexural Modulus	3200	MPa	ASTM D 790
Izod Notched Impact Strength 23°C	100	J/m	ASTM D 256

Thermal	Value	Unit	Method
Heat Deflection Temperature 1,8 Mpa	130	°C	ASTM D 648
Vicat Softening Temperature	140	°C	ASTM D 1525

Flammability	Value	Unit	Method
Flame Rating	HB	-	UL94

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

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