

Product Description

Reinforced, Polycarbonate

General Considerations

Resin ID (ISO 1043)	· PC GF20	
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	1,35 to 1,37	g/cm ³	ASTM D 792/A
Mold Shrinkage	0,1 to 0,3	%	ASTM D 955
Water Absorption	0,16	%	ASTM D 570
Melt Mass-Flow Rate - 300°C; 1,2kg	25	g/10min	ASTM D 1238

Mechanical	Value	Unit	Method
Tensile Strength	105	MPa	ASTM D 638
Elongation at Break	5	%	ASTM D 638
Flexural Strength	130	MPa	ASTM D 790
Flexural Modulus	5500	MPa	ASTM D 790
Izod Notched Impact Strength 23°C	106	J/m	ASTM D 256

Thermal	Value	Unit	Method
Heat Deflection Temperature 1,82 Mpa	145	°C	ASTM D 648
Vicat Softening Temperature	160	°C	ASTM D 1525

Flammability	Value	Unit	Method
Flame Rating	HB	-	UL94

Process	Value	Unit	Method
Molding Process Temperature	280 to 300	°C	--
Mold Temperature	90 to 110	°C	--
Drying	110/6	°C/Hours	--

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