

Product Description

10% Glass Reinforced, Polyamide 6

General Considerations

Resin ID (ISO 1043)	· PA6-GF10
Filler / Reinforcement	· Glass Fiber, 10% Filler by Weight
Processing	· Injection Molding
Color	· Natural

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

Physical	Value	Unit	Method
Density	1,19 to 1,21	g/cm ³	ASTM D 792/A
Mold Shrinkage	0,85 to 1,00	%	ISO 294-4

Mechanical	Value	Unit	Method
Tensile Strength	100	MPa	ASTM D 638
Elongation at Break	5,5	%	ASTM D 638
Flexural Strength	155	MPa	ASTM D 790
Flexural Modulus	4600	MPa	ASTM D 790
Izod Notched Impact Strength		J/m	ASTM D 256
23°C	75		

Thermal	Value	Unit	Method
Melting Point	210 to 225	°C	ISO 3146/A
Heat Deflection Temperature		°C	ISO 75-2
1,82 MPa	155		

Process		Unit	Method
Molding Process Temperature	230 to 250	°C	--
Mold Temperature	80 to 100	°C	--
Drying	80/4	°C/Hours	--

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