

Product Description

10% Glass Reinforced, Polyamide 6

General Considerations

Resin ID (ISO 1043)	· PA6-GF10
Filler / Reinforcement	· Glass Fiber, 30% Filler by Weight
Processing	· Injection Molding
Color	· Black

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

Physical	Value	Unit	Method
% Ash Content	8 to 12	%	ASTM D 2584
Density	1,19 to 1,21	g/cm ³	ASTM D 792
Mold Shrinkage	0,85 to 1,00	%	ASTM D 955
Humidity absorption	1,2	%	ASTM D 570

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
Notched Izod Impact 23°C	75	J/m	ASTM D 256

Thermal	Value	Unit	Method
Melting Point	210 to 225	°C	ASTM D 2117
Deflection Temperature 1,8 MPa	155	°C	ASTM D 648

Process	Value	Unit	Method
Molding Process Temperature	220 to 240	°C	--
Mold Temperature	40 to 80	°C	--
Stuffing Static (Tray)	90/2	°C/Hours	--
Maximum Moisture Content for Processing	0,02	%	--

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