

Product Description

20% Glass Reinforced, Polyamide 6

General Considerations

Resin ID (ISO 1043)	· PA6-GF20
Filler / Reinforcement	· Glass Fiber, 20% 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	Dry	Unit	Method
Density	1,28	g/cm ³	ASTM D 792/A

Mechanical	Value	Unit	Method
Tensile Stress	130	MPa	ISO 527-1-2
Tensile Strain	4	%	ISO 527-1-2
Flexural Modulus	6050	MPa	ISO 178
Flexural Stress	195	MPa	ISO 178
Izod Notched Impact Strength 23°C	8	kJ/m ²	ISO 180-1/A

Thermal	Value	Unit	Method
Heat Deflection Temperature 1,82 MPa	210	°C	ISO 75-2

Process		Unit	Method
Molding Process Temperature	250 to 270	°C	--
Mold Temperature	80 to 100	°C	--
Drying	80/4	°C/Hours	--

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