

Product Description

15% Glass Reinforced, Polyamide 6

General Considerations

Resin ID (ISO 1043)	· PA6-GF15
Filler / Reinforcement	· Glass Fiber, 15% 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	1,23	g/cm ³	ASTM D 792/A
Mold Shrinkage	0,3 to 0,8	%	ISO 294-4

Mechanical	Value	Unit	Method
Tensile Stress	120	MPa	ISO 527-1-2
Tensile Strain	4	%	ISO 527-1-2
Flexural Modulus	4500	MPa	ISO 178
Flexural Stress	170	MPa	ISO 178
Izod Notched Impact Strength 23°C	6	kJ/m ²	ISO 180-1/A

Thermal	Value	Unit	Method
Melting Point	218	°C	ISO 3146/A
Heat Deflection Temperature 1,82 MPa	200	°C	ISO 75-2
Vicat Softening Temperature	210	°C	ISO 306

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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