

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	· Black

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

Physical	Value	Unit	Method
Density	1,20 to 1,23	g/cm ³	ASTM D 792/A
Mold Shrinkage	0,3 to 0,8	%	ISO 294-4
Water absorption	2,5	%	ASTM D 570

Mechanical	Value	Unit	Method
Tensile Stress	110	MPa	ASTM D638
Tensile Strain	6,5	%	ASTM D638
Flexural Modulus	4100	MPa	ASTM D790
Flexural Stress	155	MPa	ASTM D 790
Izod Notched Impact Strength 23°C	50	J/m	ASTM D 256

Thermal	Value	Unit	Method
Melting Point	210 to 225	°C	ASTM D 2117
Heat Deflection Temperature 0,45 MPa	200	°C	ASTM D 648
1,82 MPa	180		
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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