

Product Description

15% Fiber Glass Reinforced, Lubrificated, Polyamide 6

General Considerations

Resin ID (ISO 1043)	· >PA6 GF15<
Additive	· Lubrificated
Processing	· Injection Molding
Color	· Yellow

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

Physical	Value	Unit	Method
% Ash Content	13 to 17	%	ASTM D 2584
Density	1,20 to 1,23	g/cm ³	ASTM D 792
Mold Shrinkage (Normal, 2.0 mm)	1,1	%	ASTM D 955
Humidity Absorption	2,5	%	ASTM D 570

Mechanical	Value	Unit	Method
Tensile Strength	113	MPa	ASTM D 638
Elongation at Break	5	%	ASTM D 638
Flexural Strength	173	MPa	ASTM D 790
Flexural Modulus	5100	MPa	ASTM D 790
Notched Izod Impact 23°C	80	J/m	ASTM D 256

Thermal	Value	Unit	Method
Melting Point	210 to 225	--	ASTM D 2117
Deflection Temperature 1,8 MPa	165	°C	ASTM D 648
Flammability	HB	--	UL 94

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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