

Product Description

30% Glass Reinforced, Heat Stabilized, Polyamide 6

General Considerations

Resin ID (ISO 1043)	· PA6-GF30	
Filler / Reinforcement	· Glass Fiber, 30% Filler by Weight	
Additive	· Heat Stabilized	
Processing	· Injection Molding	· Extrusion
Color	· Grey 0426	

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

Physical	Value	Unit	Method
Density	1,35	g/cm ³	ASTM D 792
Moisture	≤ 0,20	%	ISO 15512

Mechanical	Value	Unit	Method
Yield Stress	126	MPa	ISO 527-1-2
Yield Strain	5	%	ISO 527-1-2
Flexural Strength	200	MPa	ASTM D 790
Flexural Modulus	7000	MPa	ASTM D 790
Izod Notched Impact Strength 23°C	12	kJ/m ²	ISO 180/1A

Thermal	Value	Unit	Method
Heat Deflection Temperature 1,82 Mpa	202	°C	ISO 75-1-2
0,45 Mpa	203		
Melting Point	210 - 225	°C	--

Process	Value	Unit	Method
Molding Process Temperature	240 to 260	°C	--
Mold Temperature	60 to 90	°C	--
Max. Moisture Content for Processing	0,2	%	--
Drying	90/4	°C/Hours	--

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