

Product Description

30% Glass Fiber, Highly Lubrificated, Polyamide 66

General Considerations

Resin ID (ISO 1043)	· PA66-GF30	
Filler / Reinforcement	· Glass Fiber, 30% Filler by Weight	
Additive	· Highly Lubrificated	
Processing	· Injection Molding	· Extrusion
Color	· Natural	

Physical	Value	Unit	Method
Density / Specific Gravity	1,50	g/cm ³	ASTM D 792/A
Mold Shrinkage	0,3 to 0,7	%	ASTM D 955
Water Absorption		%	ASTM D 570
Equilibrium (23°C)	1,3		

Mechanical	Value	Unit	Method
Tensile Strength	120	MPa	ASTM D 638
Elongations at Break	2,0	%	ASTM D 638
Flexural Strength	190	MPa	ASTM D 790
Flexural Modulus	9700	MPa	ASTM D 790
Izod Notched Impact Strength		J/m	ASTM D 256
23°C	60		

Thermal	Value	Unit	Method
Melting Point	260	°C	--
Heat Deflection Temperature		°C	ISO 75-1-2
1,80 MPa	245		

Process		Unit	Method
Molding Process Temperature	270 to 290	°C	--
Mold Temperature	60 to 90	°C	--
Drying	90/4	°C/Hours	--

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