

Product Description

30% Very Long Glass Fiber, Polyamide 66

General Considerations

Resin ID (ISO 1043)	· PA66 LGF30
Filler / Reinforcement	· Long Glass Fiber, 30% Filler by Weight
Processing	· Injection Molding
Color	· Natural
Features	

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

Physical	Value	Unit	Method
Specific Gravity	1,48	g/cm ³	ASTM D 792
Moisture Absorption	0,1 to 0,3	%	ASTM D 955

Mechanical	Value (Dry)	Unit	Method
Tensile Strength	151	MPa	ISO 527
Tensile Elongation	4,1	%	ISO 527
Tensile Modulus	5100	MPa	ISO 527
Flexural Strength	237	MPa	ISO 178
Flexural Modulus	8.033	MPa	ISO 178
Izod Notched Impact Strength		kJ/m ²	ISO 180/A
23°C	17,1		

Thermal	Value	Unit	Method
Melting Point	265	°C	ISO 3146-A
Heat Deflection Temperature		°C	ISO 75
1,82 MPa	249		

Process	Value	Unit	Method
Molding Process Temperature	290 to 310	°C	--
Mold Temperature	66 to 107	°C	--
Moisture Content	0,20	%	--
Drying	80 to 100 / 2 to 4	°C/Hours	--

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