

Product Description

30% Glass Reinforced, Polyamide 6

General Considerations

Resin ID (ISO 1043)	· >PA6 GF30 M2<
Filler / Reinforcement	· Glass Fiber, 30% Filler by Weight · Molybdenum Disulfide
Processing	· Injection Molding
Color	· Natural

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

Physical	Value	Unit	Method
Ash Content	28 to 32	%	ASTM D 2584
Density	1,36 to 1,38	g/cm ³	ASTM D 792
Mold Shrinkage	0,3 to 0,5	%	ASTM D 955
Humidity Absorption	1	%	ASTM D 570

Mechanical	Value	Unit	Method
Tensile Strength	160	MPa	ASTM D 638
Elongation at break	3,5	%	ASTM D 638
Flexural Modulus	7900	MPa	ASTM D 790
Flexural Strength	220	MPa	ASTM D 790
Notched Izod Impact 23°C	115	J/m	ASTM D 256

Thermal	Value	Unit	Method
Melting Point	210 to 225	°C	ASTM D 2117
Deflection Temperature 1,8 MPa	200	°C	ASTM D 648
Vicat Softening Temperature	210	°C	ASTM D 1525A

Process	Value	Unit	Method
Molding Process Temperature	230 to 250	°C	--
Mold Temperature	80 to 100	°C	--
Drying	80/4	°C/Hours	--

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