

**Product Description**

30% Glass Reinforced, Polyamide 6

**General Considerations**

Resin ID (ISO 1043)	· PA6-GF30
Filler / Reinforcement	· Glass Fiber, 30% Filler by Weight
Processing	· Injection Molding
Color	· Black

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

Physical	Value	Unit	Method
Density	1,34	g/cm <sup>3</sup>	ASTM D 792/A
Mold Shrinkage	0,3 to 0,5	%	ASTM D 955
Water absorption	1	%	ASTM D 570

Mechanical	Value	Unit	Method
Tensile Stress	189	MPa	ISO 527-1-2
Elongation at break	3,5	%	ASTM D 638
Flexural Modulus	7900	MPa	ASTM D 790
Flexural Strength	220	MPa	ASTM D 790
Izod Notched Impact Strength 23°C	15	kJ/m <sup>2</sup>	ISO 180-1/A

Thermal	Value	Unit	Method
Melting Point	210 to 225	°C	ISO 3146/A
Heat Deflection Temperature 1,82 MPa	200	°C	ASTM D 648

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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