

Product Description

Heat Stabilized, 30% Glass Reinforced, Polyamide 6

General Considerations

Resin ID (ISO 1043)	• PA6-GF30
Filler / Reinforcement	• Glass Fiber, 30% Filler by Weight
Additive	• Heat Stabilizer
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 / Specific Gravity	1,36	g/cm ³	ASTM D 792/A
Water Absorption		%	ISO 62
Immersion 24 h	1,2		
50% RH	1,9		
Mold Shrinkage	0,5	%	ISO 294-4

Mechanical	Value	Unit	Method
Tensile Stress	150	MPa	ISO 527-1-2
Tensile Strain	3	%	ISO 527-1-2
Flexural Strength	210	MPa	ISO 178
Izod Notched Impact Strength		kJ/m ²	ISO 180/1A
23°C	15		

Thermal	Value	Unit	Method
Heat Deflection Temperature		°C	ISO 75-1-2
1,82 MPa	195		
Melting Point	220	°C	ISO 3146 A

Process		Unit	Method
Molding Process Temperature	240 to 280	°C	--
Mold Temperature	70 to 120	°C	--
Drying	80/4	°C/Hours	--

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