

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	1,37	g/cm ³	ASTM D 792/A
Mold Shrinkage	0,5	%	ASTM D 955

Mechanical	Value	Unit	Method
Tensile Stress	140	MPa	ASTM D 638
Tensile Strain	3,5	%	ASTM D 638
Flexural Strength	210	MPa	ASTM D 790
Flexural Modulus	8300	MPa	ASTM D 790
Izod Notched Impact Strength 23°C	86	J/m	ASTM D 256

Thermal	Value	Unit	Method
Melting Point	220	°C	ISO 3146 A

Process		Unit	Method
Molding Process Temperature	250 to 280	°C	--
Mold Temperature	80 to 120	°C	--
Drying	80/4	°C/Hours	--

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