

Product Description

25% Glass Reinforced, Polyamide 6

General Considerations

Resin ID (ISO 1043)	· PA6-GF25
Filler / Reinforcement	· Glass Fiber, 25% Filler by Weight
Processing	· Injection Molding
Color	· Gray

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

Physical	Value	Unit	Method
Density / Specific Gravity	1,31	g/cm ³	ASTM D 792

Mechanical	Value	Unit	Method
Tensile Strength	135	MPa	ASTM D 638
Elongation at Break	3,5	%	ASTM D 638
Flexural Strength	200	MPa	ASTM D 790
Flexural Modulus	6600	MPa	ASTM D 790
Izod Notched Impact Strength 23°C	100	J/m	ASTM D 256

Thermal	Value	Unit	Method
Heat Deflection Temperature 1,82 MPa	182	°C	ASTM D 648
Melting Point	222	°C	-

Process		Unit	Method
Molding Process Temperature	250 to 280	°C	--
Mold Temperature	60 to 90	°C	--
Drying	80/4	°C/Hours	--

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