

Product Description

33% Glass Fiber, Heat Stabilized, Polyamide 66

General Considerations

Resin ID (ISO 1043)	· PA66 GF33
Filler / Reinforcement	· Glass Fiber, 33% Filler by Weight
Additive	· Heat Stabilizer
Processing	· Injection Molding
Color	· Natural

Physical	Dry	Cond.	Unit	Method
Density / Specific Gravity	1,38		g/cm ³	ASTM D 792
Mold Shrinkage	0,3 to 0,7		%	ASTM D 955
Water Absorption Equilibrium (23°C)	1,0 to 1,5		%	ASTM D 570

Mechanical	Dry	Cond.	Unit	Method
Tensile Strength	140		MPa	ASTM D 638
Elongation at Break	4		%	ASTM D 638
Flexural Strength	238		MPa	ASTM D 790
Flexural Modulus	10000		MPa	ASTM D 790
Izod Notched Impact Strength 23°C	80		J/m	ASTM D 256

Thermal	Value	Unit	Method
Melting Point	250 to 265	°C	--
Heat Deflection Temperature 1,82 MPa	238	°C	ASTM D 648

Flammability	Value	Unit	Method
Flame Rating	HB	--	UL94

Electrical	Value	Unit	Method
Volume Resistivity	1E14	ohm.cm	ASTM D 257

Process	Value	Unit	Method
Molding Process Temperature	260 to 290	°C	--
Mold Temperature	70 to 100	°C	--
Drying	80/4	°C/Hours	--

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