

Product Description

33% Glass Fiber, Polyamide 66

General Considerations

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

Physical	Value	Unit	Method
Density / Specific Gravity	1,37 to 1,41	g/cm ³	ASTM D 792
Mold Shrinkage	0,3 to 0,7	%	ASTM D 955
Water Absorption	1,3	%	ASTM D 570

Mechanical	Value	Unit	Method
Yield Stress	200	MPa	ISO 527-1-2
Yield Strain	3	%	ISO 527-1-2
Flexural Strength	260	MPa	ISO 178
Flexural Modulus	10300	MPa	ISO 178
Izod Notched Impact Strength 23°C	15	kJ/m ²	ISO 180/1A

Thermal	Value	Unit	Method
Melting Point	250 to 260	°C	ISO 3146/A
Heat Deflection Temperature 1,82 Mpa	238	°C	ISO 75-1-2

Flammability	Value	Unit	Method
Flame Rating	HB	-	UL94

Process		Unit	Method
Molding Process Temperature	270 to 290	°C	--
Mold Temperature	80 to 120	°C	--
Drying	80/4	°C/Hours	--

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