

Product Description

50% Glass Fiber, Heat Stabilized, Polyamide 66

General Considerations

Resin ID (ISO 1043)	· PA66/6-GF50
Filler / Reinforcement	· Glass Fiber, 50% Filler by Weight
Additive	· Heat Stabilized
Processing	· Injection Molding · Extrusion
Color	· Black

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

Physical	Value	Unit	Method
Density / Specific Gravity	1,57	g/cm ³	ASTM D 792/A
Mold Shrinkage		%	ASTM D 955
Flow (3,18 mm)	0,3		

Mechanical	Value	Unit	Method
Yield Stress	223,5	MPa	ISO 527-1/-2
Yield Strain	6	%	ASTM D 638
Flexural Strength	290	MPa	ASTM D 790
Flexural Modulus	11700	MPa	ASTM D 790
Izod Notched Impact Strength 23°C	17,5	kJ/m ²	ISO 180/A

Thermal	Value	Unit	Method
Melting Point	263	°C	--
Heat Deflection Temperature 1,80 MPa	244	°C	ISO 75-1-2

Flammability	Value	Unit	Method
Flame Rating	HB	--	UL94

Process	Value	Unit	Method
Molding Process Temperature	270 to 290	°C	--
Mold Temperature	60 to 90	°C	--
Drying	90/4	°C/Hours	--

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