

Product Description

20% Glass Fiber, UV Stabilized, Polyamide 66

General Considerations

Resin ID (ISO 1043)	· PA66 GF20	
Filler / Reinforcement	· Glass Fiber, 20% Filler by Weight	
Processing	· Injection Molding	· Extrusion
Color	· Gray	

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

Physical	Value	Unit	Method
Density / Specific Gravity	1,24	g/cm ³	ISSO 1183

Mechanical	Value	Unit	Method
Yield Strength	150	MPa	ISO 527-1-2
Yield Strain	4	%	ISO 527-1-2
Flexural Strength	190	MPa	ISO 178
Flexural Modulus	5300	MPa	ISO 178
Izod Impact Strength		kJ/m ²	ISO 180/1U
23°C	60		
Izod Notched Impact Strength		kJ/m ²	ISO 180/1A
23°C	5,0		

Thermal	Value	Unit	Method
Melting Point	250 to 265	°C	--
Heat Deflection Temperature		°C	ASTM D 648
1,82 MPa	238		
Flammability	HB	-	UL 94

Process		Unit	Method
Molding Process Temperature	285 to 305	°C	--
Mold Temperature	70 to 120	°C	--
Drying	80/4	°C/Hours	--

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