Gebamid B GF 30

Polyamide 6

geba Kunststoffcompounds GmbH

Message:

30% GF, extremely chemically resistant and dimensionally stable PA6 type
Characteristics:
available in all colors
available UV-stabilized
available with mold release
available in high flow types
Applications:
technical injection molded parts for various sectors (Automotive, Electrical, Electronic, Mechanical)

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Features	Good Chemical Resistance		
	Good Dimensional Stability		
Uses	Automotive Applications		
	Electrical/Electronic Applications		
Processing Method	Injection Molding		

Physical	Nominal Value	Unit	Test Method
Density	1.36	g/cm³	ISO 1183
Water Absorption (Equilibrium, 23°C, 50% RH)	2.1	%	ISO 62

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	7500	MPa	ISO 527-2/1/1
Tensile Stress (Yield)	150	MPa	ISO 527-2/50
Tensile Strain (Yield)	3.0	%	ISO 527-2/50
Flexural Modulus [1]	7300	MPa	ISO 178

Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	10	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	60	kJ/m²	ISO 179/1eU

Injection	Nominal Value	Unit
Drying Temperature - Dry Air Dryer	80.0 to 100	°C
Drying Time - Dry Air Dryer	2.0 to 4.0	hr
Rear Temperature	240 to 260	°C
Middle Temperature	250 to 270	°C
Front Temperature	250 to 280	°C
Nozzle Temperature	250 to 280	°C
Processing (Melt) Temp	260 to 290	°C
Mold Temperature	80.0 to 100	°C

NOTE	
1.	1.0 mm/min

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

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WECHAT