

ALTECH® PA66 A 2060/100 GF60

Polyamide 66
ALBIS PLASTIC GmbH

Message:

ALTECH® PA66 A 2060/100 GF60 is a Polyamide 66 (Nylon 66) product filled with 60% glass fiber. It can be processed by injection molding and is available in Asia Pacific, Europe, or North America.

Characteristics include:

- REACH Compliant
- RoHS Compliant
- Good Mold Release
- Heat Stabilizer
- High Flow

General Information			
Filler / Reinforcement	Glass Fiber,60% Filler by Weight		
Additive	Heat Stabilizer		
Features	Good Mold Release		
	Heat Stabilized		
	High Flow		
	High Stiffness		
	Low to No Water Absorption		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.70	g/cm ³	ISO 1183
Spiral Flow (2.00 mm)	550	mm	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	18500	MPa	ISO 527-2
Tensile Stress (Break)	220	MPa	ISO 527-2
Tensile Strain (Break)	2.0	%	ISO 527-2
Flexural Modulus	18000	MPa	ISO 178
Flexural Stress	360	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	10	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	70	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	260	°C	ISO 75-2/A
Vicat Softening Temperature	250	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	

Drying Time	2.0 to 12	hr
Suggested Max Moisture	0.15	%
Processing (Melt) Temp	280 to 300	°C
Mold Temperature	80.0 to 120	°C

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Recommended distributors for this material

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