

ALTECH® PA66 A 2050/106 GF50

Polyamide 66
ALBIS PLASTIC GmbH

Message:

ALTECH® PA66 A 2050/106 GF50 is a Polyamide 66 (Nylon 66) product filled with 50% glass fiber. It is available in Asia Pacific, Europe, or North America. Characteristics include:
REACH Compliant
RoHS Compliant
Heat Stabilizer
High Stiffness

General Information			
Filler / Reinforcement	Glass Fiber,50% Filler by Weight		
Additive	Heat Stabilizer		
Features	Heat Stabilized		
	High Stiffness		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.56	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	14200	MPa	ISO 527-2
Tensile Stress (Break)	220	MPa	ISO 527-2
Tensile Strain (Break)	3.0	%	ISO 527-2
Flexural Modulus	13700	MPa	ISO 178
Flexural Stress	350	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	19	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	95	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	253	°C	ISO 75-2/A
Vicat Softening Temperature	254	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature - Desiccant Dryer	80.0	°C	
Drying Time - Desiccant Dryer	2.0 to 12	hr	
Suggested Max Moisture	0.15	%	
Processing (Melt) Temp	280 to 300	°C	
Mold Temperature	80.0 to 90.0	°C	

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Recommended distributors for this material

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