

ALTECH® PA66 A 3050/500 GB50

Polyamide 66
ALBIS PLASTIC GmbH

Message:

ALTECH® PA66 A 3050/500 GB50 is a Polyamide 66 (Nylon 66) product filled with 50% glass bead. It can be processed by injection molding and is available in Asia Pacific, Europe, or North America.
Characteristics include:
REACH Compliant
RoHS Compliant

General Information			
Filler / Reinforcement	Glass Bead,50% Filler by Weight		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.54	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	5600	MPa	ISO 527-2
Tensile Stress	70.0	MPa	ISO 527-2
Tensile Strain (Break)	9.0	%	ISO 527-2
Flexural Modulus	5800	MPa	ISO 178
Flexural Stress	115	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
--	3.0	kJ/m ²	
-40°C	2.0	kJ/m ²	
Charpy Unnotched Impact Strength			ISO 179/1eU
--	25	kJ/m ²	
-40°C	20	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	130	°C	ISO 75-2/A
Vicat Softening Temperature	245	°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 120	°C	

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Recommended distributors for this material

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