

ALTECH® PA6 A 3230/500 GB15 GF15

Polyamide 6
ALBIS PLASTIC GmbH

Message:

ALTECH® PA6 A 3230/500 GB15 GF15 is a Polyamide 6 (Nylon 6) product filled with glass bead\glass fiber. It is available in Asia Pacific, Europe, or North America.
Characteristics include:
REACH Compliant
RoHS Compliant
Heat Stabilizer

General Information			
Filler / Reinforcement	Glass Bead\Glass Fiber		
Additive	Heat Stabilizer		
Features	Heat Stabilized		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.36	g/cm ³	ISO 1183
Moisture - Karl Fischer	0.10	%	ISO 15512
Relative Viscosity ¹	3.00		ISO 307, 1157, 1628
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	6000	MPa	ISO 527-2
Tensile Stress	111	MPa	ISO 527-2
Tensile Strain (Break)	2.9	%	ISO 527-2
Flexural Modulus	6050	MPa	ISO 178
Flexural Stress	174	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	4.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	40	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	202	°C	ISO 75-2/A
Vicat Softening Temperature	213	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature	60.0 to 80.0	°C	
Drying Time	2.0 to 12	hr	
Processing (Melt) Temp	260 to 290	°C	
Mold Temperature	80.0 to 100	°C	
NOTE			

1. m-Cresol, c = 10 g/l

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Recommended distributors for this material

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