

# ALTECH® PA6 A 3030/500 GB30

Polyamide 6  
ALBIS PLASTIC GmbH

Message:

ALTECH®PA6 A 3030/500 GB30 is a polyamide 6 (nylon 6) product containing 30% glass beads. It can be processed by injection molding and is available in North America, Europe or the Asia-Pacific region. Typical application areas are: housing.

Features include:

- Comply with REACH standard
- ROHS certification
- high liquidity
- anti-warping
- heat stabilizer

General Information			
Filler / Reinforcement	Glass beads, 30% filler by weight		
Additive	heat stabilizer		
Features	Low warpage		
	High liquidity		
	Thermal Stability		
	Good demoulding performance		
Uses	Shell		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.36	g/cm <sup>3</sup>	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4200	MPa	ISO 527-2
Tensile Stress	60.0	MPa	ISO 527-2
Flexural Modulus	4000	MPa	ISO 178
Flexural Stress	100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	4.0	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy Unnotched Impact Strength	40	kJ/m <sup>2</sup>	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	75.0	°C	ISO 75-2/A
Vicat Softening Temperature	200	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature - Desiccant Dryer	80	°C	
Drying Time - Desiccant Dryer	2.0 - 12	hr	
Suggested Max Moisture	0.015	%	

Processing (Melt) Temp	270 - 290	°C
Mold Temperature	80 - 100	°C

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#### Recommended distributors for this material

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