

# ALTECH® PA6 A 3230/100 GF10 GB20

Polyamide 6  
ALBIS PLASTIC GmbH

Message:

ALTECH®PA6 A 3230/100 GF10 GB20 is a polyamide 6 (nylon 6) product, which contains 10% glass fiber reinforced materials and 20% glass beads. It can be processed by injection molding and is available in North America, Europe or the Asia-Pacific region.

Features include:

- Comply with REACH standard
- ROHS certification
- high liquidity
- heat stabilizer
- excellent release agent

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 10% filler by weight Glass beads, 20% filler by weight		
Additive	heat stabilizer		
Features	High liquidity		
	Thermal Stability		
	Good demoulding performance		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.35	g/cm <sup>3</sup>	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	5000	MPa	ISO 527-2
Tensile Stress	95.0	MPa	ISO 527-2
Tensile Strain (Break)	2.8	%	ISO 527-2
Flexural Modulus	4800	MPa	ISO 178
Flexural Stress	155	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	30	kJ/m <sup>2</sup>	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	190	°C	ISO 75-2/A
Vicat Softening Temperature	208	°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	0.15	%
Processing (Melt) Temp	270 - 290	°C
Mold Temperature	80 - 100	°C

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Recommended distributors for this material

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