

ALTECH® PA6 A 3030/100 GB30

Polyamide 6
ALBIS PLASTIC GmbH

Message:

ALTECH®PA6 A 3030/100 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. ALTECH®The application fields of PA6 A 3030/100 GB30 include engineering/industrial accessories, construction applications, housing, automobile industry and sporting goods.

Features include:
Comply with REACH standard
ROHS certification
Stable

General Information			
Filler / Reinforcement	Glass beads, 30% filler by weight		
Additive	Processing stabilizer		
Uses	Wheels		
	Gear		
	Building materials		
	Architectural application field		
	Application in Automobile Field		
	Sporting goods		
	Shell		
	Bearing		
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 ³	ISO 1183
Relative Viscosity ¹	2.94		ISO 307
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4100	MPa	ISO 527-2
Tensile Stress	70.0	MPa	ISO 527-2
Tensile Strain (Break)	6.0	%	ISO 527-2
Flexural Modulus	4000	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	ISO 179/1eA
-40°C	3.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength			ISO 179/1eU
--	30	kJ/m ²	ISO 179/1eU

-40°C	25	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	70.0	°C	ISO 75-2/A
Vicat Softening Temperature	203	°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	
NOTE			
1.	m-Cresol, c=10g/ml		

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Recommended distributors for this material

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