

ALTECH® PA66 FC 2030/100.01 GF30

Polyamide 66
ALBIS PLASTIC GmbH

Message:

ALTECH®PA66 FC 2030/100.01 GF30 is a polyamide 66 (nylon 66) product, which contains a 30% glass fiber reinforced material. It can be processed by injection molding and is available in North America, Europe or the Asia-Pacific region. Typical application areas are: food contact applications.

Features include:

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

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 30% filler by weight		
Additive	heat stabilizer		
Features	Thermal Stability		
	Good demoulding performance		
Uses	Non-specific food applications		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.37	g/cm ³	ISO 1183
Relative Viscosity ¹	3.00		ISO 307
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	9400	MPa	ISO 527-2
Tensile Stress	160	MPa	ISO 527-2
Tensile Strain (Break)	3.0	%	ISO 527-2
Flexural Modulus	8600	MPa	ISO 178
Flexural Stress	250	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	7.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	45	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	252	°C	ISO 75-2/A
Vicat Softening Temperature	255	°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	280 - 300	°C
Mold Temperature	80 - 120	°C
NOTE		

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

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Recommended distributors for this material

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