

ALTECH® PA66 C 2030/116 GF30

Polyamide 66
ALBIS PLASTIC GmbH

Message:

ALTECH® PA66 C 2030/116 GF30 is a Polyamide 66 (Nylon 66) product filled with 30% glass fiber. It can be processed by injection molding and is available in Asia Pacific, Europe, or North America. Applications of ALTECH® PA66 C 2030/116 GF30 include automotive, engineering/industrial parts and housings.

Characteristics include:

- Eco-Friendly/Green
- REACH Compliant
- RoHS Compliant
- Impact Modified

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	Impact Modifier		
Recycled Content	Yes		
Features	Impact Modified		
Uses	Automotive Applications		
	Housings		
	Pump Parts		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.30	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (275°C/5.0 kg)	27.0	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	8500	MPa	ISO 527-2
Tensile Stress	130	MPa	ISO 527-2
Tensile Strain (Break)	3.0	%	ISO 527-2
Flexural Modulus	8500	MPa	ISO 178
Flexural Stress	210	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
--	7.0	kJ/m ²	
-40°C	6.0	kJ/m ²	
Charpy Unnotched Impact Strength			ISO 179/1eU
--	50	kJ/m ²	
-40°C	45	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method

Heat Deflection Temperature (1.8 MPa, Unannealed)	235	°C	ISO 75-2/A
Vicat Softening Temperature	240	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature - Desiccant Dryer	80.0	°C	
Drying Time - Desiccant Dryer	2.0 to 12	hr	
Suggested Max Moisture	0.15	%	
Processing (Melt) Temp	280 to 300	°C	
Mold Temperature	80.0 to 120	°C	

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