

ALTECH® PA6 + PA66/6 A 2030/100 GF30

Polyamide 6 + PA 66/6

ALBIS PLASTIC GmbH

Message:

ALTECH® PA6 + PA66/6 A 2030/100 GF30 is a Polyamide 6 + PA 66/6 (Nylon 6+Nylon 66/6) 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® PA6 + PA66/6 A 2030/100 GF30 include engineering/industrial parts and furniture.

Characteristics include:

- Flame Rated
- REACH Compliant
- RoHS Compliant
- Good Mold Release
- Heat Stabilizer

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	Heat Stabilizer		
	Impact Modifier		
Features	Good Mold Release		
	Heat Stabilized		
	Impact Modified		
Uses	Fittings		
	Furniture		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.36	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	10900	MPa	ISO 527-2
Tensile Stress (Break)	175	MPa	ISO 527-2
Tensile Strain (Break)	3.0	%	ISO 527-2
Flexural Modulus	9100	MPa	ISO 178
Flexural Stress	265	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	11	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	75	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	200	°C	ISO 75-2/A

Vicat Softening Temperature	200	°C	ISO 306/B50
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
0.750 mm	HB		
1.50 mm	HB		
3.00 mm	HB		
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0 to 12	hr	
Suggested Max Moisture	0.15	%	
Processing (Melt) Temp	270 to 290	°C	
Mold Temperature	80.0 to 100	°C	

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Recommended distributors for this material

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