

ALTECH® PA6 A 2030/606 GF30

Polyamide 6
ALBIS PLASTIC GmbH

Message:

ALTECH® PA6 A 2030/606 GF30 is a Polyamide 6 (Nylon 6) product filled with 30% glass fiber. It is available in Asia Pacific, Europe, or North America. Applications of ALTECH® PA6 A 2030/606 GF30 include automotive and engineering/industrial parts. Characteristics include:
REACH Compliant
RoHS Compliant

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Uses	Automotive Applications		
	Pump Parts		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.35	g/cm ³	ISO 1183
Relative Viscosity ¹	2.90		ISO 307, 1157, 1628
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	130	MPa	ISO 527-2
Flexural Stress	205	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	6.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	40	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	195	°C	ISO 75-2/A
Vicat Softening Temperature	215	°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	270 to 290	°C	
Mold Temperature	80.0 to 100	°C	
NOTE			
1.	m-Cresol, c = 10 g/l		

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