

ALTECH® PA6 A 2030/209 GF30

Polyamide 6
ALBIS PLASTIC GmbH

Message:

ALTECH® PA6 A 2030/209 GF30 is a Polyamide 6 (Nylon 6) product filled with 30% glass fiber. It is available in Asia Pacific, Europe, or North America. Characteristics include:
Flame Rated
REACH Compliant
RoHS Compliant

General Information				
Filler / Reinforcement		Glass Fiber,30% Filler by Weight		
Agency Ratings		EC 1907/2006 (REACH)		
RoHS Compliance		RoHS Compliant		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.37	--	g/cm ³	ISO 1183
Water Absorption				ISO 62
Saturation, 23°C	6.5	--	%	
Equilibrium, 23°C, 50% RH	2.0	--	%	
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	9200	5500	MPa	ISO 527-2
Tensile Stress (Break)	155	110	MPa	ISO 527-2
Tensile Strain (Break)	3.0	5.0	%	ISO 527-2
Flexural Modulus	8400	--	MPa	ISO 178
Flexural Stress	240	175	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength	11	--	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	80	--	kJ/m ²	ISO 179/1eU
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	208	--	°C	ISO 75-2/A
Vicat Softening Temperature	215	--	°C	ISO 306/B50
Electrical	Dry	Conditioned	Unit	Test Method
Surface Resistivity	--	1.0E+13	ohms	IEC 60093
Comparative Tracking Index	500	--	V	IEC 60112
Flammability	Dry	Conditioned	Unit	Test Method
Flame Rating (0.750 mm)	HB	--		UL 94
Injection	Dry	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

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Recommended distributors for this material

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