

ALTECH® PA6 A 2030/109 GF30

Polyamide 6

ALBIS PLASTIC GmbH

PROSPECTOR®

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Technical Data

Product Description

ALTECH® PA6 A 2030/109 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 2030/109 GF30 include automotive and housings.

Characteristics include:

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

General

Material Status	• Commercial: Active
Literature ¹	• Technical Datasheet (English)
Search for UL Yellow Card	• ALBIS PLASTIC GmbH • ALTECH® PA6
Availability	• Asia Pacific • Europe • North America
Filler / Reinforcement	• Glass Fiber, 30% Filler by Weight
Additive	• Heat Stabilizer
Features	• Good Mold Release • Heat Stabilized • High Flow
Uses	• Housings
Agency Ratings	• EC 1907/2006 (REACH)
RoHS Compliance	• RoHS Compliant

Physical	Nominal Value Unit	Test Method
Density	1.36 g/cm ³	ISO 1183
Molding Shrinkage		ISO 294-4
Across Flow	0.60 to 0.80 %	
Flow	0.20 to 0.40 %	

Mechanical	Nominal Value Unit	Test Method
Tensile Modulus	9000 MPa	ISO 527-2
Tensile Stress (Break)	170 MPa	ISO 527-2
Tensile Strain (Break)	3.0 %	ISO 527-2
Flexural Modulus	8000 MPa	ISO 178
Flexural Stress	240 MPa	ISO 178

Impact	Nominal Value Unit	Test Method
Charpy Notched Impact Strength	11 kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	70 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 Unit	Test Method
Flame Rating (0.750 mm)	HB	UL 94

Injection	Nominal Value Unit
Drying Temperature - Desiccant Dryer	80.0 °C
Drying Time - Desiccant Dryer	2.0 to 12 hr
Processing (Melt) Temp	270 to 290 °C
Mold Temperature	80.0 to 90.0 °C



Notes

¹ These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

² Typical properties: these are not to be construed as specifications.



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Where to Buy

Supplier

ALBIS PLASTIC GmbH

Hamburg, Germany

Telephone: +49-40-781-050

Web: <http://www.albis.com/>

Distributor

Please contact the supplier to find a distributor for ALTECH® PA6 A 2030/109 GF30

