

ALTECH® PA6 A 1000/109

Polyamide 6
ALBIS PLASTIC GmbH

Message:

ALTECH® PA6 A 1000/109 is a Polyamide 6 (Nylon 6) product. It is available in Asia Pacific, Europe, or North America. Applications of ALTECH® PA6 A 1000/109 include automotive, handles and housings.

Characteristics include:

- Flame Rated
- REACH Compliant
- RoHS Compliant
- Good Mold Release
- High Flow

General Information			
UL YellowCard	E80168-250645		
Features	Good Mold Release		
	High Flow		
Uses	Handles		
	Housings		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.13	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3200	MPa	ISO 527-2
Tensile Stress	85.0	MPa	ISO 527-2
Tensile Strain (Break)	10	%	ISO 527-2
Flexural Modulus	2800	MPa	ISO 178
Flexural Stress	105	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	4.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	65.0	°C	ISO 75-2/A
Vicat Softening Temperature	200	°C	ISO 306/B50
Flammability	Nominal Value	Test Method	
Flame Rating		UL 94	
1.50 mm	V-2		
3.00 mm	V-2		
Injection	Nominal Value	Unit	

Drying Temperature	80.0	°C
Drying Time	2.0 to 12	hr
Suggested Max Moisture	0.15	%
Processing (Melt) Temp	250 to 270	°C
Mold Temperature	40.0 to 80.0	°C

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Recommended distributors for this material

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