

ALTECH® PA6 B 1000/109

Polyamide 6
ALBIS PLASTIC GmbH

Message:

ALTECH® PA6 B 1000/109 is a Polyamide 6 (Nylon 6) product. It is available in Asia Pacific, Europe, or North America. Typical application: Housings.
Characteristics include:
Flame Rated
REACH Compliant
RoHS Compliant
Good Mold Release
High Flow

General Information			
UL YellowCard	E80168-250651		
Features	Good Mold Release		
	High Flow		
Uses	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	110	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 (3.00 mm)	V-2		UL 94
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	250 to 270	°C	

Mold Temperature	40.0 to 80.0	°C
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