

ALTECH® PA6 B 1000/209

Polyamide 6
ALBIS PLASTIC GmbH

Message:

ALTECH® PA6 B 1000/209 is a Polyamide 6 (Nylon 6) product. It is available in Asia Pacific, Europe, or North America.
Characteristics include:
REACH Compliant
RoHS Compliant
Good Mold Release

General Information				
Features		Good Mold Release		
Agency Ratings		EC 1907/2006 (REACH)		
RoHS Compliance		RoHS Compliant		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.13	--	g/cm ³	ISO 1183
Water Absorption				ISO 62
Saturation, 23°C	9.5	--	%	
Equilibrium, 23°C, 50% RH	2.9	--	%	
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	3300	--	MPa	ISO 527-2
Tensile Stress	60.0	--	MPa	ISO 527-2
Tensile Strain (Break)	9.0	--	%	ISO 527-2
Flexural Modulus	2700	--	MPa	ISO 178
Flexural Stress	105	--	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength	5.5	--	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	550	--	kJ/m ²	ISO 179/1eU
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	66.0	--	°C	ISO 75-2/A
Electrical	Dry	Conditioned	Unit	Test Method
Surface Resistivity	--	1.0E+12	ohms	IEC 60093
Volume Resistivity	1.0E+14	--	ohms · cm	IEC 60093
Comparative Tracking Index	550	--	V	IEC 60112
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	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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