

ALTECH® PA6 A 1000/518 IM

Polyamide 6
ALBIS PLASTIC GmbH

Message:

ALTECH® PA6 A 1000/518 IM is a Polyamide 6 (Nylon 6) product. It is available in Asia Pacific, Europe, or North America.
Characteristics include:
REACH Compliant
RoHS Compliant
Impact Modified

General Information				
Additive		Impact Modifier		
Features		Impact Modified		
Agency Ratings		EC 1907/2006 (REACH)		
RoHS Compliance		RoHS Compliant		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.11	--	g/cm ³	ISO 1183
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	2500	1400	MPa	ISO 527-2
Tensile Stress				ISO 527-2
Break	--	40.0	MPa	
--	60.0	--	MPa	
Tensile Strain (Break)	5.0	--	%	ISO 527-2
Nominal Tensile Strain at Break	--	> 50	%	ISO 527-2
Flexural Modulus	2300	--	MPa	ISO 178
Flexural Stress	90.0	50.0	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength	7.0	--	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	No Break	--		ISO 179/1eU
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	60.0	--	°C	ISO 75-2/A
Vicat Softening Temperature	190	--	°C	ISO 306/B50
Electrical	Dry	Conditioned	Unit	Test Method
Surface Resistivity	--	1.0E+12	ohms	IEC 60093
Volume Resistivity	--	1.0E+12	ohms · cm	IEC 60093
Injection	Dry	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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