

ALTECH® PA6 C 1000/586

Polyamide 6
ALBIS PLASTIC GmbH

Message:

ALTECH® PA6 C 1000/586 is a Polyamide 6 (Nylon 6) product. It is available in Asia Pacific, Europe, or North America.
Characteristics include:
REACH Compliant
RoHS Compliant
Good Toughness
Impact Modified

General Information			
Additive	Impact Modifier		
Features	Impact Modified		
	Ultra High Toughness		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.10	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (275°C/5.0 kg)	35.0	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2300	MPa	ISO 527-2
Tensile Stress	50.0	MPa	ISO 527-2
Tensile Strain (Break)	25	%	ISO 527-2
Flexural Modulus	1900	MPa	ISO 178
Flexural Stress	78.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	32	kJ/m²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	54.0	°C	ISO 75-2/A
Vicat Softening Temperature	170	°C	ISO 306/B50
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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