

ALTECH® PA66 C 1000/506

Polyamide 66
ALBIS PLASTIC GmbH

Message:

ALTECH® PA66 C 1000/506 is a Polyamide 66 (Nylon 66) product. It can be processed by injection molding and is available in Asia Pacific, Europe, or North America. Applications of ALTECH® PA66 C 1000/506 include automotive, electrical/electronic applications and housings. Characteristics include:
Eco-Friendly/Green
REACH Compliant
RoHS Compliant

General Information			
Recycled Content	Yes		
Uses	Automotive Applications		
	Electrical/Electronic Applications		
	Housings		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.10	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (275°C/5.0 kg)	90.0	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2550	MPa	ISO 527-2
Tensile Stress	60.0	MPa	ISO 527-2
Tensile Strain (Break)	9.0	%	ISO 527-2
Flexural Modulus	2200	MPa	ISO 178
Flexural Stress	90.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
--	3.0	kJ/m ²	
-40°C	3.0	kJ/m ²	
Charpy Unnotched Impact Strength			ISO 179/1eU
--	27	kJ/m ²	
-40°C	25	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	62.0	°C	ISO 75-2/A
Vicat Softening Temperature	200	°C	ISO 306/B50
Injection	Nominal Value	Unit	

Drying Temperature - Desiccant Dryer	80.0	°C
Drying Time - Desiccant Dryer	2.0 to 12	hr
Suggested Max Moisture	0.10	%
Processing (Melt) Temp	270 to 290	°C
Mold Temperature	40.0 to 80.0	°C

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Recommended distributors for this material

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