

ALTECH® PA66 ECO 1000/506

Polyamide 66

ALBIS PLASTIC GmbH

Message:

ALTECH®PA66 ECO 1000/506 is a polyamide 66 (nylon 66) product. It can be processed by injection molding and is available in North America, Europe or the Asia-Pacific region. ALTECH®PA66 ECO 1000/506 applications include electrical/electronic applications, housing and automotive industries.

Features include:

Comply with REACH standard
environmental protection/green
ROHS certification

General Information			
Recycled Content	Yes		
Uses	Electrical/Electronic Applications		
	Application in Automobile Field		
	Shell		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
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	ISO 179/1eA
-40°C	3.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength			ISO 179/1eU
--	27	kJ/m ²	ISO 179/1eU
-40°C	25	kJ/m ²	ISO 179/1eU
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	°C
Drying Time - Desiccant Dryer	2.0 - 12	hr
Suggested Max Moisture	0.10	%
Processing (Melt) Temp	270 - 290	°C
Mold Temperature	40 - 80	°C

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Recommended distributors for this material

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