

ALTECH® PA66 A 1000/501 IM

Polyamide 66
ALBIS PLASTIC GmbH

Message:

ALTECH® PA66 A 1000/501 IM is a Polyamide 66 (Nylon 66) product. It is available in Asia Pacific, Europe, or North America. Typical application: Housings.
Characteristics include:
REACH Compliant
RoHS Compliant
Heat Stabilizer
Impact Modified

General Information			
Additive	Heat Stabilizer		
	Impact Modifier		
Features	Heat Stabilized		
	Impact Modified		
Uses	Housings		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.08	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2150	MPa	ISO 527-2
Tensile Stress	55.0	MPa	ISO 527-2
Tensile Strain (Break)	25	%	ISO 527-2
Flexural Modulus	1900	MPa	ISO 178
Flexural Stress	70.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
--	75	kJ/m ²	
-40°C	20	kJ/m ²	
Charpy Unnotched Impact Strength			ISO 179/1eU
--	No Break		
-40°C	No Break		
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	60.0	°C	ISO 75-2/A
Vicat Softening Temperature	205	°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	270 to 290	°C
Mold Temperature	40.0 to 80.0	°C

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