

ALTECH® PA66 C 1000/618 IM

Polyamide 66
ALBIS PLASTIC GmbH

Message:

ALTECH® PA66 C 1000/618 IM 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 1000/618 IM include automotive and housings.

Characteristics include:

REACH Compliant

RoHS Compliant

General Information			
Uses	Automotive Applications Housings		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.13	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (270°C/5.0 kg)	90.0	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2400	MPa	ISO 527-2
Tensile Stress	60.0	MPa	ISO 527-2
Tensile Strain (Break)	6.0	%	ISO 527-2
Flexural Modulus	2400	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
--	25	kJ/m ²	
-40°C	23	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	70.0	°C	ISO 75-2/A
Vicat Softening Temperature	230	°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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