

ALTECH® PA66 C 1000/617

Polyamide 66
ALBIS PLASTIC GmbH

Message:

ALTECH® PA66 C 1000/617 is a Polyamide 66 (Nylon 66) product. It is available in Asia Pacific, Europe, or North America. Applications of ALTECH® PA66 C 1000/617 include automotive, electrical/electronic applications, engineering/industrial parts, housings and sporting goods.

Characteristics include:

- Flame Rated
- Eco-Friendly/Green
- REACH Compliant
- RoHS Compliant
- Impact Modified

General Information			
Additive	Impact Modifier		
Recycled Content	Yes		
Features	Impact Modified		
Uses	Automotive Applications		
	Bearings		
	Electrical/Electronic Applications		
	Housings		
	Sporting Goods		
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)	60.0	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2200	MPa	ISO 527-2
Tensile Stress	55.0	MPa	ISO 527-2
Tensile Strain (Break)	10	%	ISO 527-2
Flexural Modulus	2100	MPa	ISO 178
Flexural Stress	80.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
--	6.0	kJ/m²	
-40°C	3.0	kJ/m²	
-20°C	3.0	kJ/m²	
Charpy Unnotched Impact Strength			ISO 179/1eU
--	40	kJ/m²	
-40°C	40	kJ/m²	

-20°C	40	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	60.0	°C	ISO 75-2/A
Vicat Softening Temperature	200	°C	ISO 306/B50
Flammability	Nominal Value	Test Method	
Flame Rating (3.00 mm)	HB	UL 94	
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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Recommended distributors for this material

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