

ALTECH® PA66 C 1000/561

Polyamide 66
ALBIS PLASTIC GmbH

Message:

ALTECH® PA66 C 1000/561 is a Polyamide 66 (Nylon 66) product. It is available in Asia Pacific, Europe, or North America. Typical application: Automotive. 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		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.12	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (275°C/5.0 kg)	80.0	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2600	MPa	ISO 527-2
Tensile Stress	60.0	MPa	ISO 527-2
Tensile Strain (Break)	25	%	ISO 527-2
Flexural Modulus	2500	MPa	ISO 178
Flexural Stress	95.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
--	8.0	kJ/m²	
-40°C	5.0	kJ/m²	
-20°C	5.0	kJ/m²	
Charpy Unnotched Impact Strength			ISO 179/1eU
--	120	kJ/m²	
-40°C	80	kJ/m²	
-20°C	95	kJ/m²	
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 - Desiccant Dryer	80.0	°C
Drying Time - Desiccant Dryer	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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