

ALTECH® PA66 ECO 2033/509 GF33

Polyamide 66
ALBIS PLASTIC GmbH

Message:

ALTECH®PA66 ECO 2033/509 GF33 is a polyamide 66 (nylon 66) product, which contains a 33% glass fiber reinforced material. It can be processed by injection molding and is available in North America, Europe or the Asia-Pacific region.

Features include:

- Comply with REACH standard
- ROHS certification
- heat stabilizer
- excellent release agent

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 33% filler by weight		
Additive	heat stabilizer		
Features	Thermal Stability		
	Good demoulding performance		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.37	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (275°C/5.0 kg)	30.0	cm³/10min	ISO 1133
Relative Viscosity ¹	3.10		ISO 307
Service Temperature	220 - 240	°C	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	10000	MPa	ISO 527-2
Tensile Stress	10000	MPa	ISO 527-2
Tensile Strain (Break)	2.0	%	ISO 527-2
Flexural Modulus	9500	MPa	ISO 178
Flexural Stress	240	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	7.0	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength	47	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	160	°C	ISO 75-2/A
Vicat Softening Temperature	247	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature			
Dehumidification desiccant	70 - 90	°C	

Hot air dryer	70 - 90	°C
Drying Time		
Dehumidification desiccant	2.0 - 12	hr
Hot air dryer	2.0 - 12	hr
Processing (Melt) Temp	280 - 300	°C
Mold Temperature	80 - 120	°C

NOTE

1. m-Cresol, c=10g/ml

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Recommended distributors for this material

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