

ALTECH® PA66 A 2035/508 GF35

Polyamide 66
ALBIS PLASTIC GmbH

Message:

ALTECH® PA66 A 2035/508 GF35 is a Polyamide 66 (Nylon 66) product filled with 33% glass fiber. It can be processed by injection molding and is available in Asia Pacific, Europe, or North America.

Characteristics include:

REACH Compliant
RoHS Compliant
Heat Stabilizer

General Information			
Filler / Reinforcement	Glass Fiber,33% Filler by Weight		
Additive	Heat Stabilizer		
Features	Heat Stabilized		
	Hydrolysis Resistant		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.41	g/cm³	ISO 1183
Relative Viscosity ¹	2.70		ISO 307, 1157, 1628
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	10300	MPa	ISO 527-2
Tensile Stress	180	MPa	ISO 527-2
Tensile Strain (Break)	3.0	%	ISO 527-2
Flexural Modulus	10000	MPa	ISO 178
Flexural Stress	275	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	8.0	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength	77	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	255	°C	ISO 75-2/A
Vicat Softening Temperature	255	°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	280 to 300	°C	
Mold Temperature	80.0 to 120	°C	

NOTE

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

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Recommended distributors for this material

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