

ALCOM® PA6 900/1 GF15 GB15

Polyamide 6
ALBIS PLASTIC GmbH

Message:

ALCOM® PA6 900/1 GF15 GB15 is a Polyamide 6 (Nylon 6) product filled with 15% glass bead and 15% glass fiber. It is available in Asia Pacific, Europe, or North America. Applications of ALCOM® PA6 900/1 GF15 GB15 include automotive and engineering/industrial parts.

Characteristics include:

- REACH Compliant
- RoHS Compliant
- Heat Stabilizer
- Warp Resistant

General Information				
Filler / Reinforcement		Glass Bead,15% Filler by Weight		
		Glass Fiber,15% Filler by Weight		
Additive		Heat Stabilizer		
Features		Heat Stabilized		
		Low Warpage		
Uses		Automotive Applications		
		Machine/Mechanical Parts		
Agency Ratings		EC 1907/2006 (REACH)		
RoHS Compliance		RoHS Compliant		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.34	--	g/cm ³	ISO 1183
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	6350	--	MPa	ISO 527-2
Tensile Stress (Break)	115	--	MPa	ISO 527-2
Tensile Strain (Break)	5.3	--	%	ISO 527-2
Flexural Modulus	5750	--	MPa	ISO 178
Flexural Stress	180	--	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength	6.0	--	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	56	--	kJ/m ²	ISO 179/1eU
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	197	--	°C	ISO 75-2/A
Vicat Softening Temperature	206	--	°C	ISO 306/B50

Electrical	Dry	Conditioned	Unit	Test Method
Surface Resistivity	--	1.0E+13	ohms	IEC 60093
Injection	Dry	Unit		
Drying Temperature - Desiccant Dryer	80.0		°C	
Drying Time - Desiccant Dryer	2.0 to 12		hr	
Processing (Melt) Temp	270 to 290		°C	
Mold Temperature	80.0 to 100		°C	

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Recommended distributors for this material

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