

ALCOM® PA6 900/1 GF8 GB7

Polyamide 6
ALBIS PLASTIC GmbH

Message:

ALCOM® PA6 900/1 GF8 GB7 is a Polyamide 6 (Nylon 6) product filled with 7.0% glass bead and 8.0% glass fiber. It is available in Asia Pacific, Europe, or North America. Applications of ALCOM® PA6 900/1 GF8 GB7 include automotive and engineering/industrial parts.

Characteristics include:

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

General Information			
Filler / Reinforcement	Glass Bead,7.0% Filler by Weight		
	Glass Fiber,8.0% 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	Nominal Value	Unit	Test Method
Density	1.23	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4500	MPa	ISO 527-2
Tensile Stress (Break)	90.0	MPa	ISO 527-2
Tensile Strain (Break)	3.5	%	ISO 527-2
Flexural Modulus	4200	MPa	ISO 178
Flexural Stress	150	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	5.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	35	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	172	°C	ISO 75-2/A
Vicat Softening Temperature	208	°C	ISO 306/B50
Injection	Nominal Value	Unit	Test Method
Drying Temperature	80.0	°C	

Drying Time	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

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

