

# ALCOM® PA6 900/1 GF15 MR25

Polyamide 6  
ALBIS PLASTIC GmbH

Message:

ALCOM® PA6 900/1 GF15 MR25 is a Polyamide 6 (Nylon 6) product filled with 15% glass fiber and 25% mineral. It is available in Asia Pacific, Europe, or North America. Applications of ALCOM® PA6 900/1 GF15 MR25 include automotive, engineering/industrial parts and housings.

Characteristics include:

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

General Information				
Filler / Reinforcement		Glass Fiber,15% Filler by Weight Mineral,25% Filler by Weight		
Additive		Heat Stabilizer		
Features		Heat Stabilized Low Warpage Pleasing Surface Appearance		
Uses		Automotive Applications Housings Machine/Mechanical Parts		
Agency Ratings		EC 1907/2006 (REACH)		
RoHS Compliance		RoHS Compliant		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.47	--	g/cm <sup>3</sup>	ISO 1183
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	8500	--	MPa	ISO 527-2
Tensile Stress (Break)	122	--	MPa	ISO 527-2
Tensile Strain (Break)	2.8	--	%	ISO 527-2
Flexural Modulus	8000	--	MPa	ISO 178
Flexural Stress	190	--	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength	5.0	--	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy Unnotched Impact Strength	53	--	kJ/m <sup>2</sup>	ISO 179/1eU
Thermal	Dry	Conditioned	Unit	Test Method

Heat Deflection Temperature (1.8 MPa, Unannealed)	205	--	°C	ISO 75-2/A
Vicat Softening Temperature	213	--	°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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