ALCOM® PA6 900/8 GF10 MR20

Polyamide 6

ALBIS PLASTIC GmbH

Message:

ALCOM® PA6 900/8 GF10 MR20 is a Polyamide 6 (Nylon 6) product filled with 10% glass fiber and 20% mineral. It is available in Asia Pacific, Europe, or North America. Applications of ALCOM® PA6 900/8 GF10 MR20 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,10% Filler by Weight Mineral,20% 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	**Nominal Value**	**Unit**	**Test Method**
Density	1.38	g/cm^3	ISO 1183
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	8250	MPa	ISO 527-2
Tensile Stress (Break)	106	MPa	ISO 527-2
Tensile Strain (Break)	2.5	%	ISO 527-2
Flexural Modulus	7350	MPa	ISO 178
Flexural Stress	161	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	45	kJ/m^2	ISO 179/1eU
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature (1.8 MPa, Unannealed)	197	°C	ISO 75-2/A
Vicat Softening Temperature	208	°C	ISO 306/B50

Injection	Nominal Value	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

Recommended distributors for this material

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