

ALCOM® PA6 900/8 GF10 MR20

SV12-778MCF

Polyamide 6

ALBIS PLASTIC GmbH

Message:

ALCOM® PA6 900/8 GF10 MR20 SV12-778MCF is a Polyamide 6 (Nylon 6) product filled with 30% glass\mineral. It is available in Asia Pacific, Europe, or North America. Typical application: Automotive.

Characteristics include:

REACH Compliant

RoHS Compliant

Heat Stabilizer

Warp Resistant

General Information			
Filler / Reinforcement	Glass\Mineral,30% Filler by Weight		
Additive	Heat Stabilizer		
Features	Heat Stabilized		
	Low Warpage		
Uses	Automotive Applications		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Appearance	Metallized - Colors		
Physical	Nominal Value	Unit	Test Method
Density	1.44	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (275°C/5.0 kg)	42.0	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	6400	MPa	ISO 527-2
Tensile Strain (Break)	2.9	%	ISO 527-2
Flexural Modulus	6000	MPa	ISO 178
Flexural Stress	150	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	4.0	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength	45	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	170	°C	ISO 75-2/A
Vicat Softening Temperature	200	°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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