

ALCOM® PA6 900/11 GF10 MR20 SV12-778MCF

Polyamide 6
ALBIS PLASTIC GmbH

Message:

ALCOM® PA6 900/11 GF10 MR20 SV12-778MCF 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 900/11 GF10 MR20 SV12-778MCF include automotive and housings.

Characteristics include:

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

General Information	
Filler / Reinforcement	Glass Fiber,10% Filler by Weight
	Mineral,20% Filler by Weight
Additive	Heat Stabilizer
	Impact Modifier
Features	Heat Stabilized
	Impact Modified
	Low Warpage
Uses	Automotive Applications
	Housings
Agency Ratings	EC 1907/2006 (REACH)
RoHS Compliance	RoHS Compliant
Appearance	Metallized - Colors
	Silver

Physical	Nominal Value	Unit	Test Method
Density	1.44	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (275°C/5.0 kg)	24.0	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	6100	MPa	ISO 527-2
Tensile Strain (Break)	3.0	%	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/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)	170	°C	ISO 75-2/A
Vicat Softening Temperature	200	°C	ISO 306/B50
Injection	Nominal Value	Unit	
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

