

ALTECH® PBT + ASA A 4212/506 GF3MR9

Polybutylene Terephthalate + ASA

ALBIS PLASTIC GmbH

Message:

ALTECH® PBT + ASA A 4212/506 GF3MR9 is a Polybutylene Terephthalate + ASA (PBT+ASA) product filled with 12% glass\mineral. It is available in Asia Pacific, Europe, or North America. Typical application: Engineering/Industrial Parts.

Characteristics include:

REACH Compliant

RoHS Compliant

Good Mold Release

Heat Stabilizer

High Flow

General Information			
Filler / Reinforcement	Glass\Mineral,12% Filler by Weight		
Additive	Heat Stabilizer		
Features	Good Mold Release		
	Heat Stabilized		
	High Flow		
	Low Warpage		
Uses	Fasteners		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.25	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (260°C/2.16 kg)	10.0	cm³/10min	ISO 1133
Molding Shrinkage			ISO 294-4
Across Flow : 24 hr	0.40 to 0.80	%	
Flow : 24 hr	0.50 to 0.90	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2900	MPa	ISO 527-2
Tensile Stress	50.0	MPa	ISO 527-2
Tensile Strain (Break)	3.0	%	ISO 527-2
Flexural Modulus	3000	MPa	ISO 178
Flexural Stress	85.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
--	4.0	kJ/m²	
-40°C	2.0	kJ/m²	
Charpy Unnotched Impact Strength			ISO 179/1eU
--	30	kJ/m²	

-40°C	15	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	95.0	°C	ISO 75-2/A
Vicat Softening Temperature	110	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature	90.0 to 115	°C	
Drying Time	2.0 to 4.0	hr	
Processing (Melt) Temp	250 to 280	°C	
Mold Temperature	60.0 to 100	°C	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

