

ALTECH® PA6 A 4012/500 MR12

Polyamide 6
ALBIS PLASTIC GmbH

Message:

ALTECH® PA6 A 4012/500 MR12 is a Polyamide 6 (Nylon 6) product filled with 12% mineral. It is available in Asia Pacific, Europe, or North America.
Typical application: Housings.
Characteristics include:
REACH Compliant
RoHS Compliant
Heat Stabilizer
Warp Resistant

General Information			
Filler / Reinforcement	Mineral, 12% Filler by Weight		
Additive	Heat Stabilizer		
Features	Heat Stabilized		
	Low Warpage		
Uses	Housings		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.26	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4300	MPa	ISO 527-2
Tensile Stress	80.0	MPa	ISO 527-2
Tensile Strain (Break)	5.0	%	ISO 527-2
Flexural Modulus	3800	MPa	ISO 178
Flexural Stress	115	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	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	75.0	°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	
Suggested Max Moisture	0.15	%	
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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