

ALTECH® MABS A 1000/500.01

Methyl Methacrylate / ABS

ALBIS PLASTIC GmbH

Message:

ALTECH®MABS A 1000/500.01 is a methyl methacrylate/ABS (MABS) product. It can be processed by injection molding and is available in North America, Europe or the Asia-Pacific region. ALTECH®MABS A 1000/500.01 applications include electrical/electronic applications, electrical appliances and houses. Features include:
Comply with REACH standard
ROHS certification
Medium viscosity

General Information			
Features	Medium viscosity		
Uses	Electrical/Electronic Applications		
	Electrical appliances		
	Shell		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.04	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (220°C/10.0 kg)	18.0	cm³/10min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/10)	95.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2400	MPa	ISO 527-2
Tensile Stress	50.0	MPa	ISO 527-2
Tensile Strain (Break)	20	%	ISO 527-2
Flexural Modulus	2300	MPa	ISO 178
Flexural Stress	70.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	20	kJ/m²	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)	85.0	°C	ISO 75-2/A
Vicat Softening Temperature	95.0	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature			
Dehumidification desiccant	80	°C	

Hot air dryer	80	°C
Drying Time		
Dehumidification desiccant	3.0 - 6.0	hr
Hot air dryer	2.0 - 4.0	hr
Processing (Melt) Temp	230 - 260	°C
Mold Temperature	50 - 80	°C

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Recommended distributors for this material

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