

ALTECH® POM A 1000/106

Acetal (POM) Copolymer

ALBIS PLASTIC GmbH

Message:

ALTECH® POM A 1000/106 is an Acetal (POM) Copolymer product. It is available in Asia Pacific, Europe, or North America.

Characteristics include:

REACH Compliant

RoHS Compliant

Copolymer

Good Mold Release

Heat Stabilizer

General Information			
Additive	Heat Stabilizer		
Features	Copolymer		
	Good Flow		
	Good Mold Release		
	Heat Stabilized		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.40	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (190°C/2.16 kg)	8.00	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2700	MPa	ISO 527-2
Tensile Stress (Break)	54.0	MPa	ISO 527-2
Tensile Strain (Break)	22	%	ISO 527-2
Flexural Modulus	2400	MPa	ISO 178
Flexural Stress	81.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	8.0	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)	96.0	°C	ISO 75-2/A
Vicat Softening Temperature	149	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature			
Circulation Dryer	100 to 110	°C	
Desiccant Dryer	100 to 110	°C	
Drying Time			

Circulation Dryer	3.0 to 5.0	hr
Desiccant Dryer	2.0 to 3.0	hr
Processing (Melt) Temp	180 to 220	°C
Mold Temperature	60.0 to 120	°C

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Recommended distributors for this material

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