

ALTECH® POM A 3030/500 GB30

Acetal (POM) Copolymer

ALBIS PLASTIC GmbH

Message:

ALTECH® POM A 3030/500 GB30 is an Acetal (POM) Copolymer product filled with 30% glass bead. It can be processed by injection molding and is available in Asia Pacific, Europe, or North America.

Characteristics include:

REACH Compliant

RoHS Compliant

Copolymer

Good Aesthetics

Good Mold Release

General Information			
Filler / Reinforcement	Glass Bead,30% Filler by Weight		
Additive	Heat Stabilizer		
Features	Copolymer		
	Good Flow		
	Good Mold Release		
	Good Surface Finish		
	Heat Stabilized		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.59	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (190°C/2.16 kg)	6.00	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2700	MPa	ISO 527-2
Tensile Stress	35.0	MPa	ISO 527-2
Tensile Strain (Break)	20	%	ISO 527-2
Flexural Modulus	3200	MPa	ISO 178
Flexural Stress	60.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
--	3.0	kJ/m²	
-40°C	2.0	kJ/m²	
Charpy Unnotched Impact Strength			ISO 179/1eU
--	50	kJ/m²	
-40°C	35	kJ/m²	
Thermal	Nominal Value	Unit	Test Method

Vicat Softening Temperature	145	°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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