

ALCOM® POM 770/1 WT1153-07LB

Acetal (POM) Copolymer

ALBIS PLASTIC GmbH

Message:

ALCOM® POM 770/1 WT1153-07LB is an Acetal (POM) Copolymer product filled with filler. It is available in Asia Pacific, Europe, or North America. Applications of ALCOM® POM 770/1 WT1153-07LB include automotive and lighting applications. Characteristics include:
REACH Compliant
RoHS Compliant
Copolymer

General Information			
Filler / Reinforcement	Filler		
Features	Copolymer		
	High Reflectivity		
Uses	Automotive Applications		
	Lighting Applications		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Appearance	Opaque		
Physical	Nominal Value	Unit	Test Method
Density	1.47	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (190°C/2.16 kg)	25.0	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2550	MPa	ISO 527-2
Tensile Stress (Break)	56.0	MPa	ISO 527-2
Tensile Strain (Break)	13	%	ISO 527-2
Flexural Modulus	2550	MPa	ISO 178
Flexural Stress	82.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	6.0	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)	98.0	°C	ISO 75-2/A
Vicat Softening Temperature	148	°C	ISO 306/B50
Additional Information	Nominal Value	Unit	Test Method
Tristimulus Value			
Y10 of Reflection	87	%	DIN 5033

Y10 of Transmittance : 800.0 μm	0.13	%	ISO 13468
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	190 to 230	°C	
Mold Temperature	60.0 to 120	°C	

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