ALCOM® POM 770/1 MO2

Acetal (POM) Copolymer

ALBIS PLASTIC GmbH

Message:

ALCOM® POM 770/1 MO2 is an Acetal (POM) Copolymer product. It is available in Asia Pacific, Europe, or North America. Applications of ALCOM® POM 770/1 MO2 include automotive and engineering/industrial parts.
Characteristics include:
REACH Compliant
RoHS Compliant
Copolymer
Lubricated
Wear Resistant

General Information			
Additive	Molybdenum Disulfide Lubricant (2%)		
Features	Copolymer Good Wear Resistance		
Uses	Automotive Applications Machine/Mechanical Parts		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.41	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	2600	MPa	ISO 527-2
Tensile Strain (Break)	2.7	%	ISO 527-2
Flexural Modulus	2300	MPa	ISO 178
Flexural Stress	78.0	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength	7.0	kJ/m²	ISO 179/1eA
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature (1.8 MPa, Unannealed)	98.0	°C	ISO 75-2/A
Vicat Softening Temperature	144	°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

Recommended distributors for this material

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