ALCOM® POM 770/1 PTFE20

Acetal (POM) Copolymer

ALBIS PLASTIC GmbH

Message:

ALCOM® POM 770/1 PTFE20 is an Acetal (POM) Copolymer product. It is available in Asia Pacific, Europe, or North America. Applications of ALCOM® POM 770/1 PTFE20 include engineering/industrial parts and automotive.
Characteristics include:
REACH Compliant
RoHS Compliant
Copolymer
Lubricated
Wear Resistant

General Information			
Additive	PTFE Lubricant (20%)		
Features	Copolymer Good Wear Resistance		
Uses	Automotive Applications Bearings Gears Machine/Mechanical Parts Wheels		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.50	g/cm³	ISO 1183
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	2400	MPa	ISO 527-2
Flexural Modulus	2500	MPa	ISO 178
Flexural Stress	70.0	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength	4.0	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength	50	kJ/m²	ISO 179/1eU
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature (1.8 MPa, Unannealed)	95.0	°C	ISO 75-2/A
Vicat Softening Temperature	143	°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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