ALCOM® POM 770/1 PTFE18 Si2

Acetal (POM) Copolymer

ALBIS PLASTIC GmbH

Message:

ALCOM® POM 770/1 PTFE18 Si2 is an Acetal (POM) Copolymer product. It is available in Asia Pacific, Europe, or North America. Applications of ALCOM® POM 770/1 PTFE18 Si2 include engineering/industrial parts and automotive.
Characteristics include:
REACH Compliant
RoHS Compliant
Copolymer
Lubricated
Wear Resistant

General Information			
Additive	PTFE + Silicone 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	1.49	g/cm³	ISO 1183
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	2300	MPa	ISO 527-2
Tensile Strain (Break)	30	%	ISO 527-2
Flexural Modulus	2000	MPa	ISO 178
Flexural Stress	65.0	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength	4.0	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength	60	kJ/m²	ISO 179/1eU
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature (1.8 MPa, Unannealed)	82.0	°C	ISO 75-2/A
Vicat Softening Temperature	140	°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 100	°C

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

WECHAT