

Tarnoform® 300 SI

Acetal (POM) Copolymer

Grupa Azoty S.A.

Message:

Tarnoform® 300 SI is an Acetal (POM) Copolymer material. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America for injection molding.

Important attributes of Tarnoform® 300 SI are:

Flame Rated

Chemical Resistant

Bacteria Resistant

Copolymer

Fatigue Resistant

Typical applications include:

Engineering/Industrial Parts

Automotive

Plumbing/Piping/Potable Water

General Information	
Features	Acid Resistant
	Bacteria Resistant
	Base Resistant
	Copolymer
	Fatigue Resistant
	Good Abrasion Resistance
	Good Chemical Resistance
	Good Dimensional Stability
	Good Electrical Properties
	High Hardness
	High Stiffness
	Low Friction
	Low Warpage
	Solvent Resistant
Uses	Automotive Electronics
	Automotive Exterior Parts
	Automotive Under the Hood
	Bearings
	Fittings
	Gears
	Piping
	Pump Parts
	Valves/Valve Parts
	Wheels

Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.41	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	9.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	55.0	MPa	ISO 527-2
Tensile Strain (Break)	75	%	ISO 527-2
Flexural Stress	60.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	6.2	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	110	°C	ISO 75-2/A
Vicat Softening Temperature	154	°C	ISO 306/B50
Flammability	Nominal Value		Test Method
Flame Rating (1.00 mm)	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	100 to 120	°C	
Drying Time	2.0 to 3.0	hr	
Rear Temperature	180 to 230	°C	
Middle Temperature	180 to 230	°C	
Front Temperature	180 to 230	°C	
Mold Temperature	60.0 to 120	°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