

Titacon® SI902

Acetal (POM) Copolymer

Titan Plastics Compounds Co., Ltd.

Message:

Titacon® SI902 is a polyoxymethylene (POM) copolymer material. This product is available in the Asia-Pacific region.

Titacon® The main features of SI902 are:

flame retardant/rated flame

Lubrication

General Information			
Additive	Silicone lubricant (2%)		
Features	Low friction coefficient		
	Medium liquidity		
	Lubrication		
Appearance	Natural color		
Physical	Nominal Value	Unit	Test Method
Density	1.40	g/cm ³	ISO 1183
Molding Shrinkage ¹ (3.00 mm)	2.2 - 2.3	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	57.0	MPa	ISO 527-2
Tensile Strain (Break)	> 40	%	ISO 527-2
Flexural Modulus	2200	MPa	ISO 178
Flexural Stress	76.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	10	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	80.0	°C	ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+15	ohms	IEC 60093
Volume Resistivity	1.0E+14	ohms · cm	IEC 60093
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	100	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	170 - 200	°C	
Mold Temperature	60.0 - 100	°C	
Injection instructions			
Injection Pressure: 30 to 70%Injection Velocity: 20 to 50%			

NOTE

1. 50x70x3 mm

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

