

Titacon® ST915

Acetal (POM) Copolymer

Titan Plastics Compounds Co., Ltd.

Message:

Titacon® ST915 is a polyoxymethylene (POM) copolymer material. This product is available in the Asia-Pacific region and is processed by injection molding.

Titacon® The main features of ST915 are:

flame retardant/rated flame

Impact modification

Antistatic

Wear-resistant

General Information			
Additive	Impact modifier		
	Antistatic property		
Features	Impact modification		
	Good coloring		
	Good wear resistance		
	No shedding		
Appearance	Light beige		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.36	g/cm ³	ISO 1183
Molding Shrinkage ¹ (3.00 mm)	2.0 - 2.2	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	45.0	MPa	ISO 527-2
Tensile Strain (Break)	> 25	%	ISO 527-2
Flexural Modulus	1750	MPa	ISO 178
Flexural Stress	60.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	20	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	75.0	°C	ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+8	ohms	IEC 60093
Volume Resistivity	1.0E+9	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

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Recommended distributors for this material

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