Titacon® GF910

Acetal (POM) Copolymer

Titan Plastics Compounds Co., Ltd.

Message:

Titacon®GF910 is a polyoxymethylene (POM) copolymer material, and its filler is 10% glass fiber reinforced material. This product is available in the Asia-Pacific region.
Titacon®The main features of GF910 are:
flame retardant/rated flame
High stiffness
high strength
Good dimensional stability

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 10% filler by weight		
Features	Good dimensional stability Rigidity, high High strength		
Appearance	Natural color		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.48	g/cm³	ISO 1183
Molding Shrinkage [1] (3.00 mm)	0.90 - 1.5	%	
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress	85.0	MPa	ISO 527-2
Tensile Strain (Break)	> 3.0	%	ISO 527-2
Flexural Modulus	4800	MPa	ISO 178
Flexural Stress	125	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength	6.0	kJ/m²	ISO 179/1eA
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature (1.8 MPa, Unannealed)	130	°C	ISO 75-2/A
Electrical	**Nominal Value**	**Unit**	**Test Method**
Surface Resistivity	1.0E+14	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

Recommended distributors for this material

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