

Titalon® 5200GF

Polycarbonate

Titan Plastics Compounds Co., Ltd.

Message:

Titalon®5200GF is a polycarbonate (PC) material, which contains a 20% glass fiber reinforced material. This product is available in the Asia-Pacific region.
Titalon®The main characteristics of 5200GF are:
flame retardant/rated flame
high strength

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 20% filler by weight		
Features	High strength		
Appearance	Natural color		
Physical	Nominal Value	Unit	Test Method
Density	1.33	g/cm ³	ISO 1183
Molding Shrinkage ¹ (3.00 mm)	0.20 - 0.50	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	110	MPa	ISO 527-2
Tensile Strain (Break)	> 4.0	%	ISO 527-2
Flexural Modulus	5600	MPa	ISO 178
Flexural Stress	175	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	13	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	140	°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	120	°C	
Drying Time	4.0	hr	
Processing (Melt) Temp	270 - 300	°C	
Mold Temperature	80.0 - 130	°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

