

Titalon® 2158GCF

Polyamide 66

Titan Plastics Compounds Co., Ltd.

Message:

Titalon®2158GCF is a polyamide 66 (nylon 66) material, which contains glass beads and carbon fiber reinforced materials. This product is available in the Asia-Pacific region.

The main features of 2158GCF are:

flame retardant/rated flame

anti-warping

Wear-resistant

General Information			
Filler / Reinforcement	Glass beads Carbon fiber reinforced material		
Features	Low warpage Good wear resistance		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Density	1.28	g/cm ³	ISO 1183
Molding Shrinkage ¹ (3.00 mm)	0.30 - 1.3	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	170	MPa	ISO 527-2
Tensile Strain (Break)	> 3.0	%	ISO 527-2
Flexural Modulus	9000	MPa	ISO 178
Flexural Stress	240	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	6.0	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	240	°C	ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+6	ohms	IEC 60093
Volume Resistivity	1.0E+6	ohms · cm	IEC 60093
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	80.0 - 100	°C	
Drying Time	4.0	hr	
Processing (Melt) Temp	260 - 290	°C	
Mold Temperature	60.0 - 100	°C	

Injection instructions

Injection Pressure: 30 to 70% Injection Velocity: 30 to 60%

NOTE

1. 50x70x3 mm

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