

Titalon® 7600CF

Polyphenylene Sulfide

Titan Plastics Compounds Co., Ltd.

Message:

Titalon® 7600CF is a polyphenylene sulfide (PPS) material, which contains a 30% carbon fiber reinforced material. This product is available in the Asia-Pacific region.

Titalon®The main features of 7600CF are:

flame retardant/rated flame

High stiffness

high strength

Wear-resistant

General Information			
Filler / Reinforcement	Carbon fiber reinforced material, 30% filler by weight		
Features	Rigidity, high		
	High strength		
	Good wear resistance		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Density	1.45	g/cm ³	ISO 1183
Molding Shrinkage ¹ (3.00 mm)	0.10 - 0.30	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	200	MPa	ISO 527-2
Tensile Strain (Break)	> 1.0	%	ISO 527-2
Flexural Modulus	22000	MPa	ISO 178
Flexural Stress	280	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	5.0	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	260	°C	ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+3	ohms	IEC 60093
Volume Resistivity	1.0E+2	ohms · cm	IEC 60093
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	140 - 160	°C	
Drying Time	4.0	hr	
Processing (Melt) Temp	280 - 320	°C	
Mold Temperature	130 - 160	°C	

Injection instructions

Injection Pressure: 30 to 80% Injection Velocity: 30 to 70%

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

