

Titalon® 9600GF

Polyether Imide

Titan Plastics Compounds Co., Ltd.

Message:

Titalon®9600GF is a polyetherimide (PEI) material, and the filler is 30% glass fiber reinforced material. This product is available in the Asia-Pacific region.

Titalon®The main characteristics of 9600GF are:

flame retardant/rated flame

High stiffness

high strength

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 30% filler by weight		
Features	Rigidity, high		
	High strength		
Appearance	Natural color		
Physical	Nominal Value	Unit	Test Method
Density	1.50	g/cm ³	ISO 1183
Molding Shrinkage ¹ (3.00 mm)	0.10 - 0.30	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	170	MPa	ISO 527-2
Tensile Strain (Break)	> 2.0	%	ISO 527-2
Flexural Modulus	11000	MPa	ISO 178
Flexural Stress	240	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	6.5	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	208	°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	V-0		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	140 - 150	°C	
Drying Time	4.0	hr	
Processing (Melt) Temp	350 - 390	°C	
Mold Temperature	130 - 180	°C	
Injection instructions			
Injection Pressure: 50 to 90%Injection Velocity: 20 to 50%			
NOTE			

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Recommended distributors for this material

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