

Tisoplen® PPC 30 GFR

Polypropylene Copolymer

Tisan

Message:

Tisoplen® PPC 30 GFR is a Polypropylene Copolymer (PP Copolymer) material filled with 30% glass fiber. It is available in Africa & Middle East or Europe for injection molding.

Important attributes of Tisoplen® PPC 30 GFR are:

Flame Rated

Copolymer

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Features	Copolymer		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.12	g/cm ³	ISO 1183
Molding Shrinkage	0.35	%	
Water Absorption (Equilibrium, 23°C, 50% RH)	0.010	%	ISO 62
Ash Content	30	%	ISO 3451
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	75		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	90.0	MPa	
Break	89.0	MPa	
Tensile Strain			ISO 527-2
Yield	3.5	%	
Break	3.0	%	
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	15	kJ/m ²	ISO 180/A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	150	°C	ISO 75-2/Be
Vicat Softening Temperature	163	°C	ISO 306/B120
Melting Temperature	165	°C	
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index (3.00 mm)	600	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm)	HB		UL 94

Injection	Nominal Value	Unit
Rear Temperature	190 to 210	°C
Middle Temperature	190 to 210	°C
Front Temperature	190 to 210	°C
Nozzle Temperature	200	°C
Processing (Melt) Temp	170 to 190	°C
Mold Temperature	45.0	°C

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

