

TECACOMP® PEEK 150 TF20 natural 9576

Polyetheretherketone
Ensinger GmbH

Message:

TECACOMP® PEEK 150 TF20 natural 9576 is a polyetheretherketone (PEEK) product containing 20% ptfe fiber. It can be processed by injection molding and is available in Europe.

General Information			
Filler / Reinforcement	PTFE fiber, 20% filler by weight		
Appearance	Natural color		
Forms	Particles		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.40	g/cm ³	
Apparent Density	0.67	g/cm ³	ISO 60
Melt Mass-Flow Rate (MFR) (360°C/2.16 kg)	12	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3000	MPa	ISO 527-2/50
Tensile Stress	70.0	MPa	ISO 527-2/50
Tensile Strain (Break)	5.0	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	40	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	143	°C	DIN 53765
Melting Temperature	343	°C	DIN 53765
Service Temperature			
long term	260	°C	
short term	300	°C	
Injection	Nominal Value	Unit	
Drying Temperature	140 - 150	°C	
Drying Time	2.0 - 5.0	hr	
Suggested Max Moisture	0.020	%	
Processing (Melt) Temp	355 - 375	°C	
Mold Temperature	160 - 200	°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

