

# TECACOMP® PEEK 450 CF30 black 3198

Polyetheretherketone

Ensinger GmbH

Message:

TECACOMP® PEEK 450 CF30 black 3198 is a polyetheretherketone (PEEK) product that contains 30% carbon fiber reinforced materials. It can be processed by injection molding and is available in Europe.

General Information			
Filler / Reinforcement	Carbon fiber reinforced material, 30% filler by weight		
Appearance	Black		
Forms	Particles		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.39	g/cm³	
Apparent Density	0.67	g/cm³	ISO 60
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	17500	MPa	ISO 527-2/50
Tensile Stress	190	MPa	ISO 527-2/50
Tensile Strain (Break)	2.0	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	45	kJ/m²	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 - 160	°C	
Drying Time	3.0 - 4.0	hr	
Suggested Max Moisture	0.020	%	
Processing (Melt) Temp	360 - 400	°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

