

TECACOMP® PBT TF natural 3438

Polybutylene Terephthalate
Ensinger GmbH

Message:

TECACOMP® PBT TF natural 3438 is a polybutene terephthalate (PBT) product, which contains ptfe fiber. It can be processed by injection molding and is available in Europe.

General Information			
Filler / Reinforcement	PTFE fiber		
Appearance	Natural color		
Forms	Particles		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.34	g/cm³	
Apparent Density	0.65	g/cm³	ISO 60
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2400	MPa	ISO 527-2/50
Tensile Stress	55.0	MPa	ISO 527-2/50
Tensile Strain (Break)	20	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	65	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	
Glass Transition Temperature	60.0	°C	
Melting Temperature	225	°C	
Service Temperature			
long term	110	°C	
short term	170	°C	
Injection	Nominal Value	Unit	
Drying Temperature	< 120	°C	
Drying Time	3.0 - 6.0	hr	
Suggested Max Moisture	0.020	%	
Processing (Melt) Temp	235 - 270	°C	
Mold Temperature	110	°C	

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Recommended distributors for this material

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