

TECACOMP® PES PVX black 3777

Polyethersulfone
Ensinger GmbH

Message:

TECACOMP® PES PVX black 3777 is a polyethersulfone (PES) product, which contains ptfe fiber, graphite fiber reinforcement and carbon fiber reinforcement. It can be processed by injection molding and is available in Europe.

General Information			
Filler / Reinforcement	PTFE fiber		
	Graphite fiber reinforced material		
	Carbon fiber reinforced material		
Appearance	Black		
Forms	Particles		
Processing Method	Injection molding		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	10500	MPa	ISO 527-2
Tensile Stress	115	MPa	ISO 527-2
Tensile Strain (Break)	1.6	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	22	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	225	°C	DIN 53765
Service Temperature			
long term	190	°C	
short term	220	°C	
Injection	Nominal Value	Unit	
Drying Temperature	120 - 140	°C	
Drying Time	2.0 - 3.0	hr	
Processing (Melt) Temp	350 - 380	°C	
Mold Temperature	140 - 160	°C	

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Recommended distributors for this material

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