

TechnoFiber PP LGF40-10 HI

Polypropylene
TechnoCompound GmbH

Message:

TechnoFiber PP LGF40-10 HI is a Polypropylene material filled with 40% long glass fiber. It is available in Europe for injection molding.

General Information			
Filler / Reinforcement	Long Glass Fiber,40% Filler by Weight		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.22	g/cm³	ISO 1183
Ash Content (625°C)	40	%	ISO 3451
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	8000	MPa	ISO 527-2
Tensile Strain (Break)	2.4	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	19	kJ/m²	
23°C	18	kJ/m²	
Charpy Unnotched Impact Strength			ISO 179/1eU
-30°C	65	kJ/m²	
23°C	55	kJ/m²	
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0 to 4.0	hr	
Processing (Melt) Temp	230 to 280	°C	
Mold Temperature	60.0 to 80.0	°C	

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Recommended distributors for this material

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