

Michilar T7100GF30

Polybutylene Terephthalate

API Polymers, Inc.

Message:

Michilar T7100GF30 is a Polybutylene Terephthalate (PBT) product filled with 30% glass fiber. It is available in North America.

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.53	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.30	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	117	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus - Tangent	6890	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	75	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	216	°C	
1.8 MPa, Unannealed	207	°C	
Injection	Nominal Value	Unit	
Drying Temperature	124	°C	
Drying Time	3.0	hr	
Suggested Max Moisture	0.020	%	
Rear Temperature	246	°C	
Middle Temperature	246	°C	
Front Temperature	241	°C	
Nozzle Temperature	238	°C	
Processing (Melt) Temp	249	°C	
Mold Temperature	76.7	°C	

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Recommended distributors for this material

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