

Michilar T7200GF30

Polyethylene Terephthalate

API Polymers, Inc.

Message:

Michilar T7200GF30 is a Polyethylene Terephthalate (PET) 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	1.56	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.25	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	145	MPa	ASTM D638
Tensile Elongation (Break)	5.0	%	ASTM D638
Flexural Modulus - Tangent	9650	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	100	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	227	°C	
1.8 MPa, Unannealed	221	°C	
Injection	Nominal Value	Unit	
Drying Temperature	127	°C	
Drying Time	3.0	hr	
Suggested Max Moisture	5.0E-3	%	
Rear Temperature	271	°C	
Middle Temperature	274	°C	
Front Temperature	277	°C	
Nozzle Temperature	288	°C	
Processing (Melt) Temp	288	°C	
Mold Temperature	93.3	°C	

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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

