

RTP 3200 MG 20

Ethylene Tetrafluoroethylene Copolymer
RTP Company

Message:
Milled Glass

General Information			
Filler / Reinforcement	Milled Glass Fiber,20% Filler by Weight		
RoHS Compliance	Contact Manufacturer		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.81	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	2.2 to 3.3	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1380	MPa	ASTM D638
Tensile Strength	27.6	MPa	ASTM D638
Tensile Elongation (Yield)	> 10	%	ASTM D638
Flexural Modulus	1720	MPa	ASTM D790
Flexural Strength	37.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	270	J/m	ASTM D256
Unnotched Izod Impact (3.20 mm)	No Break		ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	104	°C	
1.8 MPa, Unannealed	71.1	°C	
Additional Information	Nominal Value	Unit	
Primary Additive	20	%	
Injection	Nominal Value	Unit	
Drying Temperature	121	°C	
Drying Time	2.0	hr	
Processing (Melt) Temp	293 to 343	°C	
Mold Temperature	65.6 to 149	°C	
Injection Pressure	68.9 to 103	MPa	

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Recommended distributors for this material

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