

# RTP 3284

Ethylene Tetrafluoroethylene Copolymer

RTP Company

## Message:

Warning: The status of this material is 'Commercial: Limited Issue'  
The data for this material has not been recently verified.  
Please contact RTP Company for current information prior to specifying this grade.  
-Preliminary Product Data per RTP Co.-

General Information			
Filler / Reinforcement	Carbon Fiber,25% Filler by Weight		
RoHS Compliance	Contact Manufacturer		
Appearance	Black		
	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.72	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.10	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	17200	MPa	ASTM D638
Tensile Strength	60.0	MPa	ASTM D638
Tensile Elongation (Break)	0.55	%	ASTM D638
Flexural Modulus	14500	MPa	ASTM D790
Flexural Strength	93.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	130	J/m	ASTM D256
Unnotched Izod Impact (3.18 mm)	240	J/m	ASTM D4812
Injection	Nominal Value	Unit	
Drying Temperature	121	°C	
Drying Time	2.0	hr	
Suggested Max Regrind	20	%	
Rear Temperature	282 to 360	°C	
Middle Temperature	282 to 360	°C	
Front Temperature	282 to 360	°C	
Mold Temperature	65.6 to 149	°C	
Injection Pressure	68.9 to 103	MPa	
Clamp Tonnage	5.5 to 11	kN/cm <sup>2</sup>	

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infringement occurs, please contact us immediately.

#### Recommended distributors for this material

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