

RTP 3283

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.

General Information			
Filler / Reinforcement	Carbon Fiber,20% 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/cm³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.10	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	15500	MPa	ASTM D638
Tensile Strength	57.9	MPa	ASTM D638
Tensile Elongation (Break)	0.75	%	ASTM D638
Flexural Modulus	13100	MPa	ASTM D790
Flexural Strength	89.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	150	J/m	ASTM D256
Unnotched Izod Impact (3.18 mm)	260	J/m	ASTM D4812
Injection	Nominal Value	Unit	
Rear Temperature	293 to 332	°C	
Middle Temperature	293 to 332	°C	
Front Temperature	293 to 332	°C	
Mold Temperature	93.3 to 149	°C	
Injection Pressure	68.9 to 138	MPa	

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Recommended distributors for this material

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