

RTP 3299 X 120869 A NAT/BLK

Ethylene Tetrafluoroethylene Copolymer

RTP Company

Message:

Carbon Fiber

General Information			
Filler / Reinforcement	Carbon Fiber		
RoHS Compliance	Contact Manufacturer		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.72	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	0.13	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	17200	MPa	ASTM D638
Tensile Strength	58.6	MPa	ASTM D638
Tensile Elongation (Yield)	0.50	%	ASTM D638
Flexural Modulus	13800	MPa	ASTM D790
Flexural Strength	89.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	130	J/m	ASTM D256
Unnotched Izod Impact (3.20 mm)	240	J/m	ASTM D4812
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	10 to 1.0E+3	ohms·cm	ASTM D257
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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