

RTP 1701

Polyphenylene Ether + PS

RTP Company

Message:

Glass Fiber

General Information			
Filler / Reinforcement	Glass Fiber,10% Filler by Weight		
RoHS Compliance	Contact Manufacturer		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	0.30 to 0.40	%	ASTM D955
Moisture Content	0.10	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4480	MPa	ASTM D638
Tensile Strength	75.8	MPa	ASTM D638
Tensile Elongation (Yield)	3.0 to 5.0	%	ASTM D638
Flexural Modulus	3790	MPa	ASTM D790
Flexural Strength	121	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	99	J/m	ASTM D256
Unnotched Izod Impact (3.20 mm)	510	J/m	ASTM D4812
Injection	Nominal Value	Unit	
Drying Temperature	93.3	°C	
Drying Time	2.0	hr	
Dew Point	-17.8	°C	
Processing (Melt) Temp	249 to 288	°C	
Mold Temperature	65.6 to 93.3	°C	
Injection Pressure	68.9 to 103	MPa	

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Recommended distributors for this material

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