

RTP 1500.5-50D

Thermoplastic Elastomer, Ether-Ester

RTP Company

Message:

Glass Fiber

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 5.0% filler by weight		
RoHS Compliance	Contact manufacturer		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	0.43 - 0.53	%	ASTM D955
Moisture Content		%	
Primary Additive	5.0	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	414	MPa	ASTM D638
Tensile Strength	17.1	MPa	ASTM D638
Tensile Elongation (Yield)	> 10	%	ASTM D638
Flexural Modulus	345	MPa	ASTM D790
Flexural Strength	12.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	350	J/m	ASTM D256
Unnotched Izod Impact (3.20 mm)	410	J/m	ASTM D4812
Injection	Nominal Value	Unit	
Drying Temperature	104	°C	
Drying Time	2.0 - 4.0	hr	
Processing (Melt) Temp	210 - 238	°C	
Mold Temperature	21.1 - 37.8	°C	
Injection Pressure	68.9 - 103	MPa	
Injection instructions			
Desiccant Type Dryer Required.			

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Recommended distributors for this material

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