

RTP 1207-75A

Thermoplastic Polyurethane Elastomer (Polyester)

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	Glass Fiber,40% 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	1.41	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.10	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.40	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	22.0	MPa	ASTM D638
Tensile Elongation (Break)	40	%	ASTM D638
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+11	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.59 mm, Values per RTP Company testing.)	HB		UL 94
Injection	Nominal Value	Unit	
Rear Temperature	182 to 210	°C	
Middle Temperature	182 to 210	°C	
Front Temperature	182 to 210	°C	
Mold Temperature	16.0 to 66.0	°C	
Injection Pressure	68.9 to 103	MPa	

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Recommended distributors for this material

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