

RTP 1200-75A

Thermoplastic Polyurethane Elastomer

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			
RoHS Compliance	Contact Manufacturer		
Appearance	Black		
	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.17	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm, Injection Molded)	1.2	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.30	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	75		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	37.0	MPa	ASTM D412
Tensile Elongation (Break)	540	%	ASTM D412
Injection	Nominal Value	Unit	
Rear Temperature	160 to 210	°C	
Middle Temperature	160 to 210	°C	
Front Temperature	160 to 210	°C	
Mold Temperature	38.0 to 60.0	°C	
Injection Pressure	69.0 to 103	MPa	

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Recommended distributors for this material

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