

RTP 1202-65D

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			
Filler / Reinforcement	Glass Fiber,15% 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	1.32	g/cm ³	ASTM D792
Molding Shrinkage - Flow			ASTM D955
3.18 mm, Injection Molded	0.20	%	
6.35 mm, Injection Molded	0.40	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	65		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (Injection Molded)	1380	MPa	ASTM D638
Tensile Strength	41.0	MPa	ASTM D638
Tensile Elongation (Yield, Injection Molded)	10	%	ASTM D638
Flexural Modulus (Injection Molded)	1240	MPa	ASTM D790
Flexural Strength (Injection Molded)	34.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm, Injection Molded)	320	J/m	ASTM D256
Unnotched Izod Impact (3.18 mm)	1400	J/m	ASTM D4812
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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