

RTP 200D GB 20

Polyamide 612

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 Bead,20% 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	1.20	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3790	MPa	ASTM D638
Tensile Strength	65.5	MPa	ASTM D638
Tensile Elongation (Break)	3.5	%	ASTM D638
Flexural Modulus	3450	MPa	ASTM D790
Flexural Strength	89.6	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	191	°C	
1.8 MPa, Unannealed	185	°C	
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+13	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.59 mm)	HB		UL 94
Injection	Nominal Value	Unit	
Rear Temperature	254 to 282	°C	
Middle Temperature	254 to 282	°C	
Front Temperature	254 to 282	°C	
Mold Temperature	60.0 to 93.3	°C	
Injection Pressure	68.9 to 103	MPa	

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Recommended distributors for this material

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