

RTP 207 A RC HS Black

Polyamide 6

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 reinforced material, 40% filler by weight		
Additive	heat stabilizer		
Features	Thermal Stability		
RoHS Compliance	Contact manufacturer		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Density	1.46	g/cm ³	ISO 1183
Molding Shrinkage - Flow (4.00 mm)	0.10 - 0.40	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	13000	MPa	ISO 527-2
Tensile Stress (Break)	200	MPa	ISO 527-2
Tensile Strain (Break)	3.5	%	ISO 527-2
Flexural Modulus	11000	MPa	ISO 178
Flexural Stress	270	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	14	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	215	°C	ISO 75-2/A
Injection	Nominal Value	Unit	
Drying Temperature - Desiccant Dryer	80.0	°C	
Drying Time - Desiccant Dryer	2.0	hr	
Dew Point - Desiccant Dryer	-25.0	°C	
Suggested Max Moisture	0.20	%	
Processing (Melt) Temp	245 - 280	°C	
Mold Temperature	55.0 - 95.0	°C	
Injection Pressure	70.0 - 105	MPa	
Injection instructions			

Desiccant Type Dryer Required.

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Recommended distributors for this material

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