

RTP 205 RC HS Black

Polyamide 66

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, 30% filler by weight		
Additive	heat stabilizer		
Features	Thermal Stability		
RoHS Compliance	Contact manufacturer		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Density	1.37	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	11000	MPa	ISO 527-2
Tensile Stress (Break)	190	MPa	ISO 527-2
Tensile Strain (Break)	3.5	%	ISO 527-2
Flexural Modulus	9500	MPa	ISO 178
Flexural Stress	275	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	10	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	250	°C	ISO 75-2/A
Flammability	Nominal Value		Test Method
Flame Rating ¹ (1.50 mm)	HB		ISO 1210
Injection	Nominal Value	Unit	
Drying Temperature - Desiccant Dryer	80.0	°C	
Drying Time - Desiccant Dryer	4.0	hr	
Dew Point - Desiccant Dryer	-25.0	°C	
Suggested Max Moisture	0.20	%	
Processing (Melt) Temp	275 - 300	°C	
Mold Temperature	65.0 - 105	°C	
Injection Pressure	70.0 - 125	MPa	
Injection instructions			
Desiccant Type Dryer Required.			
NOTE			

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

