

RTP 200F TFE 13 SI 2

Polyamide 12

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.
-Preliminary Product Data per RTP Co.-

General Information			
Additive	PTFE lubricant (13%)		
	Silicone lubricant (2%)		
Features	Lubrication		
RoHS Compliance	Contact manufacturer		
Appearance	Black		
	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.09	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	1.5	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1720	MPa	ASTM D638
Tensile Strength	41.4	MPa	ASTM D638
Tensile Elongation (Break)	10	%	ASTM D638
Flexural Modulus	1720	MPa	ASTM D790
Flexural Strength	48.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	64	J/m	ASTM D256
Unnotched Izod Impact (3.18 mm)	1100	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	48.9	°C	ASTM D648
Additional Information			
Mold Shrinkage, Linear-Flow, ASTM D-955, 0.25in.: 20mil/in.Elongation at break, ASTM D638: 10+%			
Injection	Nominal Value	Unit	
Drying Temperature	79.4	°C	
Drying Time	4.0	hr	
Suggested Max Moisture	0.10	%	

Suggested Max Regrind	20	%
Rear Temperature	204 - 232	°C
Middle Temperature	204 - 232	°C
Front Temperature	204 - 232	°C
Mold Temperature	65.6 - 93.3	°C
Injection Pressure	68.9 - 103	MPa

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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

