

# RTP 200 TFE 20 SI 5

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			
Additive	PTFE silicone lubricant		
Features	Lubrication		
RoHS Compliance	Contact manufacturer		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.25	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	1.4	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.80	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2830	MPa	ASTM D638
Tensile Strength	62.1	MPa	ASTM D638
Tensile Elongation (Break)	9.0	%	ASTM D638
Flexural Modulus	2340	MPa	ASTM D790
Flexural Strength	93.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	43	J/m	ASTM D256
Unnotched Izod Impact	750	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	210	°C	ASTM D648
1.8 MPa, not annealed	104	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+15	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.59 mm)	HB		UL 94
Additional Information			
The value listed as Flammability, UL 94, was tested in accordance with RTP test standards.Mold Shrinkage, Linear-Flow, ASTM D-955, 0.25in.: 18mil/in.Tensile Elongation, ASTM D-638: 8-10%			
Injection	Nominal Value	Unit	
Rear Temperature	274 - 288	°C	
Middle Temperature	274 - 288	°C	

Front Temperature	274 - 288	°C
Mold Temperature	65.6 - 107	°C
Injection Pressure	68.9 - 103	MPa

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Recommended distributors for this material

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