

RTP 4005 TFE 13 SI 1

Polyphthalamide

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			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	PTFE Lubricant (13%)		
	Silicone Lubricant (1%)		
Features	Lubricated		
RoHS Compliance	Contact Manufacturer		
Appearance	Black		
	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.53	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.25 to 0.35	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	11000	MPa	ASTM D638
Tensile Strength	165	MPa	ASTM D638
Tensile Elongation (Break)	1.9	%	ASTM D638
Flexural Modulus	10000	MPa	ASTM D790
Flexural Strength	234	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	80	J/m	ASTM D256
Unnotched Izod Impact (3.18 mm)	530	J/m	ASTM D4812
Injection	Nominal Value	Unit	
Rear Temperature	304 to 343	°C	
Middle Temperature	304 to 343	°C	
Front Temperature	304 to 343	°C	
Mold Temperature	93.3 to 149	°C	
Injection Pressure	68.9 to 103	MPa	

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infringement occurs, please contact us immediately.

Recommended distributors for this material

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