

RTP 4005 UP

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."

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 30% filler by weight		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.44	g/cm ³	ISO 1183
Moisture Content	0.050	%	
Primary Additive	30	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (Injection Molded)	12500	MPa	ISO 527-2
Tensile Stress	210	MPa	ISO 527-2
Tensile Strain (Yield, Injection Molded)	2.5	%	ISO 527-2
Flexural Modulus (Injection Molded)	11000	MPa	ISO 178
Flexural Stress (Injection Molded)	310	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact Strength ¹ (Injection Molded)	75	kJ/m ²	ISO 180/1U
Additional Information	Nominal Value	Unit	
Data listed is for natural or black colored materials. Pigments can affect properties.Desiccant Type Dryer Required.			
Injection	Nominal Value	Unit	
Drying Temperature - Desiccant Dryer	105	°C	
Drying Time - Desiccant Dryer	4.0 - 6.0	hr	
Dew Point	-30.0	°C	
Processing (Melt) Temp	300 - 330	°C	
Mold Temperature	135 - 160	°C	
Injection Pressure	70.0 - 125	MPa	
NOTE			
1.	4mm thickness		

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

