

RTP 202D MS 5

Polyamide 612

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, 15% filler by weight		
Additive	Molybdenum disulfide lubricant (5%)		
Features	Lubrication		
RoHS Compliance	Contact manufacturer		
Appearance	Black		
	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm, Injection Molded)	0.40 - 0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (Injection Molded)	5170	MPa	ASTM D638
Tensile Strength	90.0	MPa	ASTM D638
Tensile Elongation (Yield, Injection Molded)	2.5	%	ASTM D638
Flexural Modulus (Injection Molded)	4480	MPa	ASTM D790
Flexural Strength (Injection Molded)	124	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm, Injection Molded)	43	J/m	ASTM D256
Unnotched Izod Impact (3.18 mm)	320	J/m	ASTM D4812
Flammability	Nominal Value		Test Method
Flame Rating (1.50 mm)	HB		UL 94
Additional Information			
The value listed as Flammibility, UL 94, was tested in accordance with RTP Company methods.			
Injection	Nominal Value	Unit	
Rear Temperature	252 - 279	°C	
Middle Temperature	252 - 279	°C	
Front Temperature	252 - 279	°C	
Mold Temperature	60.0 - 93.0	°C	

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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

