

# RTP 1200-90A

Thermoplastic Polyurethane Elastomer (Polyester)

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			
RoHS Compliance	Contact manufacturer		
Appearance	Black		
	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.14	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.75	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.30	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	90		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	45.0	MPa	ASTM D638
Tensile Elongation (Break)	10	%	ASTM D638
Flexural Modulus	69.0	MPa	ASTM D790
Additional Information			
Mold Shrinkage, Linear-Flow, ASTM D-955, 0.25in.: 10mil/in.			
Injection	Nominal Value	Unit	
Rear Temperature	182 - 210	°C	
Middle Temperature	182 - 210	°C	
Front Temperature	182 - 210	°C	
Mold Temperature	15.6 - 65.6	°C	
Injection Pressure	68.9 - 103	MPa	

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](mailto:sales@su-jiao.com)

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

