

RTP 1201 S-65D

Thermoplastic Polyurethane Elastomer (Polyester)

RTP Company

Message:

Glass Fiber

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 10% filler by weight		
RoHS Compliance	Contact manufacturer		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.28	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	0.10 - 0.40	%	ASTM D955
Moisture Content	0.010	%	
Primary Additive	10	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	70		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	965	MPa	ASTM D638
Tensile Strength	42.4	MPa	ASTM D638
Tensile Elongation (Yield)	40	%	ASTM D638
Flexural Modulus	896	MPa	ASTM D790
Flexural Strength	27.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	530	J/m	ASTM D256
Unnotched Izod Impact (3.20 mm)	No Break		ASTM D4812
Injection	Nominal Value	Unit	
Drying Temperature	82.2	°C	
Drying Time	6.0	hr	
Dew Point	-28.9	°C	
Processing (Melt) Temp	185 - 218	°C	
Mold Temperature	15.6 - 60.0	°C	
Injection Pressure	48.3 - 96.5	MPa	
Injection instructions			

Desiccant Type Dryer Required.

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

