

RTP 2700 S-50A Z

Styrene Ethylene Butylene Styrene Block Copolymer
RTP Company

Message:
FDA Compliant Ingredients

General Information			
RoHS Compliance		Contact Manufacturer	
Processing Method		Injection Molding	
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.890	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	2.0 to 3.0	%	ASTM D955
Moisture Content	< 0.040	%	
Peel Strength			
PP ¹	> 6.1	kN/m	
PP (30% VLF) ²	> 6.1	kN/m	
PP (50% VLF) ³	3.2	kN/m	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	50		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ⁴			ASTM D412
50% Strain, 3.18 mm	0.965	MPa	
100% Strain, 3.18 mm	1.17	MPa	
300% Strain, 3.18 mm	2.34	MPa	
Tensile Strength ⁵ (Break, 3.20 mm)	6.07	MPa	ASTM D412
Tensile Elongation ⁶ (Break)	1100	%	ASTM D412
Tear Strength ⁷	25.4	kN/m	ASTM D624
Compression Set ⁸			ASTM D395B
23°C, 22 hr	16	%	
70°C, 22 hr	41	%	
Injection	Nominal Value	Unit	
Drying Temperature	71.1	°C	
Drying Time	2.0 to 4.0	hr	
Processing (Melt) Temp	163 to 204	°C	
Mold Temperature	15.6 to 37.8	°C	
Injection Pressure	34.5 to 68.9	MPa	
NOTE			
1.	90°, 20 in/min, RTP 55, Overmold Failure		
2.	90°, 20 in/min, RTP 55, Interface Failure		

3.	90°, 20 in/min, RTP 55, Interface Failure
4.	Die C
5.	Die C, 500 mm/min
6.	Die C, 500 mm/min
7.	Die C
8.	Type 2

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



WECHAT