

RTP 2700 S-60A 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)	1.6 to 2.1	%	ASTM D955
Moisture Content	< 0.040	%	
Peel Strength			
Polypropylene ¹	> 6.1	kN/m	
Polypropylene (30% VLF) ²	> 6.1	kN/m	
Polypropylene (50% VLF) ³	> 4.6	kN/m	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	60		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ⁴ (Yield, 3.20 mm)	8.27	MPa	ASTM D412
Tensile Elongation ⁵ (Yield)	1400	%	ASTM D412
Tear Strength ⁶	35.0	kN/m	ASTM D624
Compression Set ⁷			ASTM D395B
23°C, 22 hr	21	%	
70°C, 22 hr	46	%	
Flammability	Nominal Value	Test Method	
Flame Rating (1.50 mm, ** Values per RTP Company testing.)	HB	UL 94	
Injection	Nominal Value	Unit	
Drying Temperature	76.7	°C	
Drying Time	2.0 to 4.0	hr	
Processing (Melt) Temp	163 to 218	°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, 500 mm/min
5.	Die C, 500 mm/min
6.	Die C
7.	Type 2

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