

RTP 2700 S-70A 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)	1.5 to 2.0	%	ASTM D955
Moisture Content	< 0.040	%	
Peel Strength ¹			
Polypropylene	> 6.1	kN/m	
Polypropylene (30% VLF)	> 5.4	kN/m	
Polypropylene (50% VLF)	> 1.8	kN/m	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	70		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield)	11.7	MPa	ASTM D412
Tensile Elongation ³ (Yield)	1500	%	ASTM D412
Tear Strength ⁴	43.8	kN/m	ASTM D624
Compression Set ⁵			ASTM D395B
23°C, 22 hr	25	%	
70°C, 22 hr	48	%	
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 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, Interface Failure		
2.	500 mm/min		
3.	500 mm/min		
4.	Die C		

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