

RTP 2700 S-80A 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	0.900	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	1.4 to 1.9	%	ASTM D955
Moisture Content	< 0.040	%	
Peel Strength ¹			
Polypropylene	4.4	kN/m	
Polypropylene (30% VLF)	3.2	kN/m	
Polypropylene (50% VLF)	1.8	kN/m	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	88		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield)	14.5	MPa	ASTM D412
Tensile Elongation ³ (Yield)	1100	%	ASTM D412
Tear Strength ⁴	70.1	kN/m	ASTM D624
Compression Set ⁵			ASTM D395B
23°C, 22 hr	30	%	
70°C, 22 hr	55	%	
Injection	Nominal Value	Unit	
Drying Temperature	76.7	°C	
Drying Time	2.0 to 4.0	hr	
Processing (Melt) Temp	177 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
5.	Type 2

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