

RTP 2700 S-30A 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
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	30		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
50% Strain	0.414	MPa	
100% Strain	0.621	MPa	
300% Strain	1.24	MPa	
Tensile Strength (Yield)	5.17	MPa	ASTM D412
Tensile Elongation (Yield)	1100	%	ASTM D412
Tear Strength ¹	20.1	kN/m	ASTM D624
Compression Set ²			ASTM D395B
23°C, 22 hr	10	%	
70°C, 22 hr	37	%	
Flammability	Nominal Value		Test Method
Flame Rating (1.50 mm, ** Values per RTP Company testing.)	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	79.4	°C	
Drying Time	2.0	hr	
Processing (Melt) Temp	182 to 232	°C	
Mold Temperature	15.6 to 37.8	°C	
Injection Pressure	27.6 to 55.2	MPa	
NOTE			
1.	Die C		
2.	Type 2		

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