

RTP 2700 S-80A

Styrene Ethylene Butylene Styrene Block Copolymer

RTP Company

Message:

General Purpose

General Information			
Features	General Purpose		
Uses	General Purpose		
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)	1.8 to 2.5	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	77		ASTM D2240
Films	Nominal Value	Unit	Test Method
Peel Strength ¹			
PP	4.4	kN/m	
PP (30% VLF)	3.2	kN/m	
PP (50% VLF)	1.8	kN/m	
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	2.78	MPa	ASTM D412
Tensile Strength (Yield)	11.0	MPa	ASTM D412
Tensile Elongation (Yield)	680	%	ASTM D412
Tear Strength ²	43.6	kN/m	ASTM D624
Compression Set ³			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	hr	
Processing (Melt) Temp	177 to 232	°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.	Die C		
3.	Type 2		

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