

RTP 2700 S-60A MD

Styrene Ethylene Butylene Styrene Block Copolymer
RTP Company

Message:

ISO 10993 Tested

General Information			
Agency Ratings	ISO 10993		
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 - 2.1	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	60		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ¹ (100% Strain, 3.18 mm)	1.79	MPa	ASTM D412
Tensile Strength ² (Break, 3.20 mm)	8.27	MPa	ASTM D412
Tensile Elongation ³ (Break)	700	%	ASTM D412
Tear Strength ⁴	33.3	kN/m	ASTM D624
Compression Set ⁵			ASTM D395B
23°C, 22 hr	21	%	ASTM D395B
70°C, 22 hr	46	%	ASTM D395B
Injection	Nominal Value	Unit	
Drying Temperature	77	°C	
Drying Time	2.0	hr	
Processing (Melt) Temp	177 - 204	°C	
Mold Temperature	16 - 38	°C	
NOTE			
1.	C mold, 510mm/min		
2.	C mold, 500 mm/min		
3.	500 mm/min		
4.	C mould		
5.	Type 2		

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Recommended distributors for this material

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