

RTP 2720 S-40A

Styrene Ethylene Butylene Styrene Block Copolymer

RTP Company

Message:

RTP 2720 S-40A is a Styrene Ethylene Butylene Styrene Block Copolymer (SEBS) material. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America for injection molding.

General Information			
RoHS Compliance		Contact Manufacturer	
Processing Method		Injection Molding	
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	40		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ¹ (100% Strain, 3.18 mm)	0.965	MPa	ASTM D412
Tensile Strength ² (Break, 3.20 mm)	7.58	MPa	ASTM D412
Tensile Elongation ³ (Break)	800	%	ASTM D412
Tear Strength ⁴	21.9	kN/m	ASTM D624
Compression Set ⁵			ASTM D395B
23°C, 22 hr	10	%	
70°C, 22 hr	30	%	
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	
NOTE			
1.	Die C		
2.	Die C, 500 mm/min		
3.	Die C, 500 mm/min		
4.	Die C		
5.	Type 2		

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Recommended distributors for this material

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