

RTP 2740 S-70A

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	1.16	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	1.5 to 2.5	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	70		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ¹ (100% Strain, 3.18 mm)	2.66	MPa	ASTM D412
Tensile Strength ² (Break, 3.20 mm)	7.52	MPa	ASTM D412
Tensile Elongation ³ (Break)	630	%	ASTM D412
Tear Strength ⁴	48.3	kN/m	ASTM D624
Compression Set ⁵			ASTM D395B
23°C, 22 hr	20	%	
70°C, 22 hr	45	%	
Flammability	Nominal Value		Test Method
Flame Rating (1.50 mm, ** Values per RTP Company testing.)	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	51.7	°C	
Drying Time	2.0 to 4.0	hr	
Processing (Melt) Temp	182 to 232	°C	
Mold Temperature	15.6 to 65.6	°C	
NOTE			
1.	Die C, 510 mm/min		
2.	Die C, 500 mm/min		
3.	Die C, 500 mm/min		
4.	Die C		
5.	Type 2		

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