

RTP 2740 S-30A

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	1.07	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	2.0 to 2.5	%	ASTM D955
Moisture Content	0.040	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	34		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	0.924	MPa	ASTM D412
Tensile Strength (Yield)	4.09	MPa	ASTM D412
Tensile Elongation (Yield)	580	%	ASTM D412
Tear Strength ¹	17.2	kN/m	ASTM D624
Compression Set ²			ASTM D395B
23°C, 22 hr	11	%	
158°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	71.1	°C	
Drying Time	2.0 to 4.0	hr	
Processing (Melt) Temp	163 to 204	°C	
Mold Temperature	15.6 to 37.8	°C	
Injection Pressure	34.5 to 68.9	MPa	
NOTE			
1.	Die C		
2.	Type 2		

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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