

RTP 2800B-80A

Thermoplastic Vulcanizate

RTP Company

Message:

Warning: The status of this material is 'Commercial: Limited Issue'
The data for this material has not been recently verified.
Please contact RTP Company for current information prior to specifying this grade.
80 Shore A

General Information			
RoHS Compliance	Contact manufacturer		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.01	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	1.6 - 1.8	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	79		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
50% strain	3.72	MPa	ASTM D412
100% strain	4.41	MPa	ASTM D412
300% strain	6.34	MPa	ASTM D412
Tensile Strength ¹ (Break)	8.27	MPa	ASTM D412
Tensile Elongation ² (Break)	700	%	ASTM D412
Tear Strength ³	37.7	kN/m	ASTM D624
Additional Information			
Moisture Content: <0.08%			
Injection	Nominal Value	Unit	
Drying Temperature	79.4	°C	
Drying Time	3.0 - 4.0	hr	
Processing (Melt) Temp	171 - 210	°C	
Mold Temperature	10.0 - 51.7	°C	
Injection Pressure	34.5 - 68.9	MPa	
NOTE			
1.	500 mm/min		
2.	500 mm/min		
3.	C mould		

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Recommended distributors for this material

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