

RTP 2800B-60A

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.
60 Shore A

General Information			
Features	General		
Uses	General		
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)	1.5 - 2.0	%	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			ASTM D412
50% strain	2.07	MPa	ASTM D412
100% strain	2.55	MPa	ASTM D412
300% strain	4.00	MPa	ASTM D412
Tensile Strength (Yield)	4.83	MPa	ASTM D412
Tensile Elongation (Yield)	640	%	ASTM D412
Tear Strength ¹	26.3	kN/m	ASTM D624
Compression Set ²			ASTM D395B
23°C, 22 hr	24	%	ASTM D395B
70°C, 22 hr	39	%	ASTM D395B
100°C, 22 hr	57	%	ASTM D395B
115°C, 22 hr	64	%	ASTM D395B
Additional Information			
Dew Point: 0°FMoisture Content: 0.03%			
Injection	Nominal Value	Unit	
Drying Temperature	79.4	°C	
Drying Time	2.0	hr	
Processing (Melt) Temp	182 - 210	°C	
Mold Temperature	15.6 - 48.9	°C	
Injection Pressure	27.6 - 55.2	MPa	

NOTE

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| 1. | C mould |
| 2. | Type 2 |

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Recommended distributors for this material

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WECHAT