

RTP 2800 B-40D

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.

General Information			
RoHS Compliance		Contact Manufacturer	
Processing Method		Injection Molding	
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.02	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	1.5 to 1.8	%	ASTM D955
Moisture Content	0.080	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	40		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield, 3.20 mm)	11.4	MPa	ASTM D412
Tensile Elongation ² (Yield)	700	%	ASTM D412
Tear Strength ³	61.3	kN/m	ASTM D624
Injection	Nominal Value	Unit	
Drying Temperature	79.4	°C	
Drying Time	3.0 to 4.0	hr	
Dew Point	-17.8	°C	
Processing (Melt) Temp	216 to 227	°C	
Mold Temperature	15.6 to 79.4	°C	
Injection Pressure	82.7 to 124	MPa	
NOTE			
1.	Die C, 500 mm/min		
2.	Die C, 500 mm/min		
3.	Die C		

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Recommended distributors for this material

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