

RTP 2800 B-45A HF

Thermoplastic Vulcanizate

RTP Company

Message:

High Flow

General Information			
Features	High Flow		
RoHS Compliance	Contact Manufacturer		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.02	g/cm ³	ASTM D792
Moisture Content	< 0.040	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	45		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ¹ (100% Strain, 3.18 mm)	1.24	MPa	ASTM D412
Tensile Strength ² (Yield, 3.20 mm)	3.31	MPa	ASTM D412
Tensile Elongation ³ (Break)	450	%	ASTM D412
Tear Strength ⁴	13.1	kN/m	ASTM D624
Compression Set ⁵			ASTM D395B
23°C, 22 hr	12	%	
70°C, 22 hr	28	%	
Injection	Nominal Value	Unit	
Drying Temperature	79.4	°C	
Drying Time	2.0	hr	
Dew Point	-17.8	°C	
Processing (Melt) Temp	182 to 210	°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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Recommended distributors for this material

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