

RTP 2800 B-55A Z

Thermoplastic Vulcanizate

RTP Company

Message:

FDA Compliant Ingredients

General Information			
RoHS Compliance		Contact Manufacturer	
Processing Method		Injection Molding	
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.960	g/cm ³	ASTM D792
Moisture Content	0.030	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	60		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ¹ (100% Strain, 3.18 mm)	1.93	MPa	ASTM D412
Tensile Strength ² (Yield, 3.20 mm)	4.96	MPa	ASTM D412
Tensile Elongation ³ (Break)	450	%	ASTM D412
Tear Strength ⁴	21.0	kN/m	ASTM D624
Compression Set ⁵			ASTM D395B
23°C, 22 hr	22	%	
70°C, 22 hr	38	%	
Flammability	Nominal Value		Test Method
Flame Rating (1.50 mm, ** Values per RTP Company testing.)	HB		UL 94
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 37.8	°C	
Injection Pressure	27.6 to 55.2	MPa	
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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