

# RTP 2800 B-85A 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	1.02	g/cm <sup>3</sup>	ASTM D792
Moisture Content	0.030	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	88		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress <sup>1</sup> (100% Strain, 3.18 mm)	5.79	MPa	ASTM D412
Tensile Strength <sup>2</sup> (Yield, 3.20 mm)	9.65	MPa	ASTM D412
Tensile Elongation <sup>3</sup> (Break)	500	%	ASTM D412
Tear Strength <sup>4</sup>	45.5	kN/m	ASTM D624
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	
Injection Pressure	34.5 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		

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Recommended distributors for this material

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