

RTP 2800 B-55A UV

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.
UV Stabilized

General Information			
Additive	UV Stabilizer		
RoHS Compliance	Contact Manufacturer		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.970	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	1.9 to 2.4	%	ASTM D955
Moisture Content	< 0.080	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	57		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
50% Strain	0.965	MPa	
100% Strain	1.59	MPa	
300% Strain	2.83	MPa	
Tensile Strength ¹ (Break)	4.48	MPa	ASTM D412
Tensile Elongation ² (Break)	600	%	ASTM D412
Tear Strength ³	21.0	kN/m	ASTM D624
Compression Set ⁴			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	3.0 to 4.0	hr	
Processing (Melt) Temp	193 to 210	°C	
Mold Temperature	10.0 to 79.4	°C	
Injection Pressure	34.5 to 68.9	MPa	
NOTE			
1.	500 mm/min		

2.	500 mm/min
3.	Die C
4.	Type 2

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Recommended distributors for this material

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