

RTP 2800 B-55A FR A UV

Thermoplastic Polyolefin Elastomer

RTP Company

Message:

Flame Retardant - PBDE Free - UV Stabilized

General Information			
Additive	UV Stabilizer		
Features	Flame Retardant		
RoHS Compliance	Contact Manufacturer		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.25	g/cm ³	ASTM D792
Moisture Content	0.030	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	55		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ¹ (100% Strain, 3.18 mm)	1.34	MPa	ASTM D412
Tensile Strength ² (Yield, 3.20 mm)	3.45	MPa	ASTM D412
Tensile Elongation ³ (Break)	> 500	%	ASTM D412
Tear Strength ⁴	19.3	kN/m	ASTM D624
Compression Set ⁵			ASTM D395B
23°C, 22 hr	19	%	
70°C, 22 hr	32	%	
Flammability	Nominal Value		Test Method
Flame Rating (1.50 mm, ** Values per RTP Company testing.)	V-0		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 65.6	°C	
Injection Pressure	82.7 to 124	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		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

