

RTP 2800B-80A FR

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.
80 Shore A - Flame Retardant

General Information			
Features	Flame retardancy		
RoHS Compliance	Contact manufacturer		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.30	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	1.5 - 2.0	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	80		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	6.21	MPa	ASTM D412
Tensile Elongation (Yield)	600	%	ASTM D412
Tear Strength ¹	31.5	kN/m	ASTM D624
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	No Break		ASTM D256
Unnotched Izod Impact (3.20 mm)	No Break		ASTM D4812
Flammability	Nominal Value		Test Method
Flame Rating (1.50 mm)	V-0		UL 94
Additional Information			
Dew Point: 0°FMoisture Content: 0.03%Tensile Elongation, ASTM D412: >600%			
Injection	Nominal Value	Unit	
Drying Temperature	79.4	°C	
Drying Time	2.0	hr	
Processing (Melt) Temp	182 - 210	°C	
Mold Temperature	15.6 - 65.6	°C	
Injection Pressure	68.9 - 124	MPa	
NOTE			
1.	C mould		

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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



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