

# RTP 2800B-50D

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.  
50 Shore D

General Information			
RoHS Compliance	Contact manufacturer		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.02	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	1.2 - 1.6	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	51		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Break, 3.20 mm)	16.9	MPa	ASTM D412
Tensile Elongation <sup>2</sup> (Break)	900	%	ASTM D412
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
Additional Information			
Moisture Content: <0.08%			
Injection	Nominal Value	Unit	
Drying Temperature	79.4	°C	
Drying Time	3.0 - 4.0	hr	
Processing (Melt) Temp	216 - 227	°C	
Mold Temperature	10.0 - 79.4	°C	
Injection Pressure	68.9 - 138	MPa	
NOTE			
1.	C mold, 500 mm/min		
2.	Mouth die C, 500 mm/min		

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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

