RTP 2800B-90A

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.

General Information			
Features	Semi-conductive		
RoHS Compliance	Contact manufacturer		
Appearance	Black Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.05	g/cm³	ASTM D792
Molding Shrinkage - Flow (3.18 mm, Injection Molded)	1.1 - 1.8	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.050	%	ASTM D570
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore A)	90		ASTM D2240
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Break)	10.0	MPa	ASTM D412
Tensile Elongation (Break)	300	%	ASTM D412
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (3.18 mm, Injection Molded)	No Break		ASTM D256
Unnotched Izod Impact (3.18 mm)	No Break		ASTM D4812
Electrical	**Nominal Value**	**Unit**	**Test Method**
Surface Resistivity	1.0E+6	ohms	ASTM D257
Volume Resistivity	1.0E+3	ohms·cm	ASTM D257
Additional Information			
Static Decay MIL-PRF-81705D, FTMS-4046.1: <2 sec			
Injection	**Nominal Value**	**Unit**	
Rear Temperature	249 - 293	°C	
Middle Temperature	249 - 293	°C	
Front Temperature	249 - 293	°C	
Mold Temperature	66.0 - 93.0	°C	
Injection Pressure	69.0 - 103	MPa	

Recommended distributors for this material

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