

RTP 2800-55A

Thermoplastic Polyolefin Elastomer

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			
RoHS Compliance	Contact manufacturer		
Appearance	Black		
	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.968	g/cm ³	ASTM D792
Molding Shrinkage - Flow			ASTM D955
3.18mm, injection molding	1.8	%	ASTM D955
6.35mm, injection molding	2.5	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.050	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	55		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (Injection Molded)	70.0	MPa	ASTM D638
Flexural Modulus (Injection Molded)	70.0	MPa	ASTM D790
Flexural Strength (Injection Molded)	3.00	MPa	ASTM D790
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	3.00	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
Volume Resistivity	1.0E+16	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.50 mm)	HB		UL 94
Additional Information			
The value listed as Flammibility, UL 94, was tested in accordance with RTP Company methods.			
Injection	Nominal Value	Unit	

Rear Temperature	171 - 199	°C
Middle Temperature	171 - 199	°C
Front Temperature	171 - 199	°C
Mold Temperature	16.0 - 66.0	°C
Injection Pressure	83.0 - 124	MPa

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Recommended distributors for this material

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