

RTP EMI 2862

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			
Filler / Reinforcement	Stainless steel fiber, 15% filler by weight		
Features	Electromagnetic shielding (EMI)		
	Antistatic property		
	Radio frequency shielding (RFI)		
Agency Ratings	MIL B-81705C		
RoHS Compliance	Contact manufacturer		
Appearance	Black		
	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.10	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	1.2 - 1.8	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.050	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	1.38	MPa	ASTM D638
Tensile Elongation (Break)	10	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	No Break		ASTM D256
Unnotched Izod Impact (3.18 mm)	No Break		ASTM D4812
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+3	ohms	ASTM D257
Volume Resistivity	1.0	ohms · cm	ASTM D257
Additional Information			
Tensile Elongation, ASTM D638: 5-15%Shielding Effectiveness, ASTM D4935: 30+ dB			
Injection	Nominal Value	Unit	
Rear Temperature	177 - 232	°C	
Middle Temperature	177 - 232	°C	
Front Temperature	177 - 232	°C	
Mold Temperature	15.6 - 65.6	°C	

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Recommended distributors for this material

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