

RTP EMI 262H

Polyamide 66

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)		
	Electrostatic discharge protection		
	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	1.23	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	1.7 - 2.0	%	ASTM D955
Water Absorption (23°C, 24 hr)	1.0	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2340	MPa	ASTM D638
Tensile Strength	52.0	MPa	ASTM D638
Tensile Elongation (Break)	10	%	ASTM D638
Flexural Modulus	2340	MPa	ASTM D790
Flexural Strength	72.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	160	J/m	ASTM D256
Unnotched Izod Impact (3.18 mm)	1100	J/m	ASTM D4812
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+5	ohms	ASTM D257
Volume Resistivity	1.0	ohms · cm	ASTM D257
Additional Information			
Molding Shrinkage, ASTM D 955, 3.175mm: 17-20mm/mStatic Decay, FTMS-4046.1, Mil B-81705C: <2.0 secondsTensile Elongation @ break, ASTM D638: 10+ %			

Injection	Nominal Value	Unit
Rear Temperature	274 - 293	°C
Middle Temperature	274 - 293	°C
Front Temperature	274 - 293	°C
Mold Temperature	66.0 - 93.0	°C
Injection Pressure	103 - 124	MPa

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Recommended distributors for this material

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