

RTP 2560.75 FR

Polycarbonate + ABS

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,7.5% Filler by Weight		
Features	Electromagnetic Shielding (EMI)		
	ESD Protection		
	Flame Retardant		
	Radio Frequency Shielding (RFI)		
RoHS Compliance	Contact Manufacturer		
Appearance	Black		
	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.31	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm, Injection Molded)	0.50 to 0.60	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.12	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (Injection Molded)	2890	MPa	ASTM D638
Tensile Strength	62.0	MPa	ASTM D638
Tensile Elongation (Yield, Injection Molded)	7.5	%	ASTM D638
Flexural Modulus (Injection Molded)	2620	MPa	ASTM D790
Flexural Strength (Injection Molded)	103	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm, Injection Molded)	80	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+6	ohms	ASTM D257
Volume Resistivity	1.0E+2	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.50 mm)	V-0		UL 94

Injection	Nominal Value	Unit
Rear Temperature	232 to 266	°C
Middle Temperature	232 to 266	°C
Front Temperature	232 to 266	°C
Mold Temperature	52.0 to 93.0	°C
Injection Pressure	69.0 to 103	MPa

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Recommended distributors for this material

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