RTP ESD A 1005 FR

Polybutylene Terephthalate

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.

Features Electrostatic discharge protection Flame retardancy RoHS Compliance Contact manufacturer Appearance Black Natural color Natural color Forms Particle Processing Method Injection molding Physical Nominal Value Unit Test Method Specific Gravity 1.67 g/cm³ ASTM D792 Molding Shrinkage - Flow (3.18 mm, Injection Molded) 0.10 - 0.30 % ASTM D955 Mechanical Nominal Value Unit Test Method Tensile Modulus (injection Molded) 1.60 MPa ASTM D538 Tensile Modulus (injection Molded) 9.60 MPa ASTM D638 Tensile Modulus (injection Molded) 9.60 MPa ASTM D638 Flexural Modulus (injection Molded) 9.60 MPa ASTM D638 Flexural Modulus (injection Molded) 9.60 MPa ASTM D53 Flexural Modulus (injection Molded) 9.60 MPa ASTM D53 Molded) Mominal Value Vinit Test Method Nominal Value Vinit Test Method<	General Information					
karka compliance construction of a constructure con	Filler / Reinforcement	Glass fiber reinforced material, 30	Glass fiber reinforced material, 30% filler by weight			
RoHS Compliance Contact manufacturer Appearance Black Natural color Forms Particle Processing Method Injection molding Physical Norminal Value Unit Test Method Specific Gravity 1,67 Gravity ASTM D955 Molding Shrinkage - Flow (3.18 mm, Injection Molded) 1,67 Gravity ASTM D955 Molding Shrinkage - Flow (3.18 mm, Injection Molded) 1,60 Method Test Method Tensile Modulus (Injection Molded) 1,700 MPa ASTM D638 Tensile Strength 76.0 MPa ASTM D638 Rolized Strength 1,5 % ASTM D638 Rolized Strength (Injection Molded) 1,6 Method Method Rolized Strength (Injection Molded) 1,6 MPa ASTM D638 Rolized Strength (Injection Molded) 1,6 Mathod Mathod Norminal Value Mpa ASTM D638 Mithod Instart Strength (Injection Molded) 1,6 Mithod Mithod Norminal Value Mpa Mithod Mithod Northod Lood Inpac	Features	Electrostatic discharge protection				
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Flammability Nominal Value Unit Test Method Flame Rating (1.50 mm) V-0 UL 94 Additional Information UL 94	Surface Resistivity	5.0E+11	ohms	ASTM D257		
Flame Rating (1.50 mm) V-0 UL 94 Additional Information The value listed as Flammibility, UL 94, was tested in accordance with RTP Company methods.	Volume Resistivity	5.0E+8	ohms·cm	ASTM D257		
Additional Information The value listed as Flammibility, UL 94, was tested in accordance with RTP Company methods.	Flammability	Nominal Value	Unit	Test Method		
The value listed as Flammibility, UL 94, was tested in accordance with RTP Company methods.	Flame Rating (1.50 mm)	V-0		UL 94		
	Additional Information					
Injection Nominal Value Unit	The value listed as Flammibility, UL 94, was tested in accordance with RTP Company methods.					
	Injection	Nominal Value	Unit			

Rear Temperature	232 - 257	°C	
Middle Temperature	232 - 257	°C	
Front Temperature	232 - 257	°C	
Mold Temperature	79.0 - 107	°C	
Injection Pressure	69.0 - 103	MPa	

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