

RTP ESD A 2100

Polyether Imide
RTP Company

Message:
ESD Protection

General Information			
Features	Electrostatic discharge protection		
RoHS Compliance	Contact manufacturer		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.34	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	0.40 - 0.70	%	ASTM D955
Moisture Content	0.040	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4140	MPa	ASTM D638
Tensile Strength	72.4	MPa	ASTM D638
Tensile Elongation (Yield)	2.0	%	ASTM D638
Flexural Modulus	4480	MPa	ASTM D790
Flexural Strength	165	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (3.20 mm)	270	J/m	ASTM D4812
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity			
--	< 9.9E+8	ohms	ASTM D257
--	< 9.9E+7	ohms	ESD STM11.11
Volume Resistivity	< 9.9E+6	ohms · cm	ASTM D257
Injection	Nominal Value	Unit	
Dew Point	-28.9	°C	
Injection instructions			
Desiccant Type Dryer Required.			
Extrusion	Nominal Value	Unit	
Drying Temperature	149	°C	
Drying Time	4.0	hr	
Melt Temperature	354 - 399	°C	

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