

RTP 399 X 138754 C

Polycarbonate
RTP Company

Message:
Permanently Static Dissipative - ESD Protection - UV Stabilized

General Information			
Additive	UV stabilizer		
Features	Electrostatic discharge protection		
	Static conduction		
RoHS Compliance	Contact manufacturer		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.17	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	0.60 - 0.90	%	ASTM D955
Moisture Content	0.020	%	
Static Decay		sec	FTMS 101C 4046.1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1720	MPa	ASTM D638
Tensile Strength	48.3	MPa	ASTM D638
Tensile Elongation (Yield)	> 10	%	ASTM D638
Flexural Modulus	2000	MPa	ASTM D790
Flexural Strength	76.7	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	850	J/m	ASTM D256
Unnotched Izod Impact (3.20 mm)	No Break		ASTM D4812
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	< 1.0E+9	ohms	ESD STM11.11
Injection	Nominal Value	Unit	
Drying Temperature	93.3	°C	
Drying Time	4.0	hr	
Dew Point	-28.9	°C	
Processing (Melt) Temp	227 - 249	°C	
Mold Temperature	60.0 - 93.3	°C	
Injection Pressure	68.9 - 103	MPa	
Injection instructions			
Desiccant Type Dryer Required.			

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Recommended distributors for this material

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