

RTP 4799 X 121826 C

Polyester Alloy
RTP Company

Message:

Permanently Anti-static - ESD Protection - 29% Bio-Content

General Information			
Features	Electrostatic discharge protection		
	Antistatic property		
	Updatable resources		
RoHS Compliance	Contact manufacturer		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.27	g/cm³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	2.0	%	ASTM D955
Moisture Content	0.030	%	
Static Decay		sec	FTMS 101C 4046.1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2070	MPa	ASTM D638
Tensile Strength	41.4	MPa	ASTM D638
Tensile Elongation (Yield)	> 10	%	ASTM D638
Flexural Modulus	2070	MPa	ASTM D790
Flexural Strength	68.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	64	J/m	ASTM D256
Unnotched Izod Impact (3.20 mm)	No Break		ASTM D4812
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+10 - 1.0E+11	ohms	ASTM D257
Volume Resistivity	1.0E+9 - 1.0E+10	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.50 mm, ** Values per RTP Company testing.)	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	121	°C	
Drying Time	4.0	hr	
Dew Point	-28.9	°C	
Processing (Melt) Temp	204 - 238	°C	
Mold Temperature	37.8 - 121	°C	
Injection Pressure	68.9 - 103	MPa	

Injection instructions

Do not exceed 520 °F (270 °C) melt temperature.Desiccant Type Dryer Required.

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