

RTP 2099 X 138762

Polycarbonate + PBT

RTP Company

Message:

ESD Protection - Permanently Static Dissipative - Impact Modified - UV Stabilized

General Information			
Additive	Impact Modifier		
	UV Stabilizer		
Features	ESD Protection		
	Impact Modified		
	Statically Conductive		
RoHS Compliance	Contact Manufacturer		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.17	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.0 to 4.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.20 mm)	0.60 to 0.80	%	ASTM D955
Moisture Content	< 0.020	%	
Static Decay	< 2.0	sec	FTMS 101C 4046.1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1790	MPa	ASTM D638
Tensile Strength	43.4	MPa	ASTM D638
Tensile Elongation (Yield)	> 10	%	ASTM D638
Flexural Modulus	1930	MPa	ASTM D790
Flexural Strength	68.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	800	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	82.2	°C	
Drying Time	4.0	hr	
Processing (Melt) Temp	216 to 249	°C	
Mold Temperature	65.6 to 93.3	°C	
Injection Pressure	68.9 to 103	MPa	

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Recommended distributors for this material

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