

RTP 299 H X 72279 A NATURAL

Polyamide 66

RTP Company

Message:

Impact Modified - ESD Protection

General Information			
Additive	Impact modifier		
Features	Impact modification		
	Electrostatic discharge protection		
RoHS Compliance	Contact manufacturer		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.09	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	2.0 - 2.6	%	ASTM D955
Moisture Content	0.20	%	
Static Decay		sec	FTMS 101C 4046.1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1310	MPa	ASTM D638
Tensile Strength	36.5	MPa	ASTM D638
Tensile Elongation (Yield)	> 10	%	ASTM D638
Flexural Modulus	1310	MPa	ASTM D790
Flexural Strength	49.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	960	J/m	ASTM D256
Unnotched Izod Impact (3.20 mm)	No Break		ASTM D4812
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity			
--	< 1.0E+12	ohms	ASTM D257
--	< 1.0E+11	ohms	ESD STM11.11
Volume Resistivity	< 1.0E+11	ohms · cm	ASTM D257
Injection	Nominal Value	Unit	
Drying Temperature	79.4	°C	
Drying Time	4.0	hr	
Dew Point	-17.8	°C	
Processing (Melt) Temp	271	°C	
Mold Temperature	43.3 - 82.2	°C	
Injection Pressure	68.9 - 124	MPa	
Injection instructions			

Desiccant Type Dryer Required.

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Recommended distributors for this material

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