

PermaStat® 200 H

Polyamide 66

RTP Company

Message:

ESD Protection - Permanently Anti-static

General Information			
Additive	Impact modifier		
Features	Impact modification		
	Electrostatic discharge protection		
	Antistatic property		
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)	1.5 - 2.0	%	ASTM D955
Moisture Content	0.20	%	
Static Decay ¹		sec	FTMS 101C 4046.1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1520	MPa	ASTM D638
Tensile Strength	37.9	MPa	ASTM D638
Tensile Elongation (Yield)	> 10	%	ASTM D638
Flexural Modulus	1380	MPa	ASTM D790
Flexural Strength	48.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	No Break		ASTM D256
Unnotched Izod Impact (3.20 mm)	No Break		ASTM D4812
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity			
--	1.0E+10 - 9.9E+11	ohms	ASTM D257
--	1.0E+9 - 9.9E+10	ohms	ESD STM11.11
Volume Resistivity	1.0E+9 - 9.9E+10	ohms · cm	ASTM D257
Injection	Nominal Value	Unit	
Drying Temperature	79.4	°C	
Drying Time	2.0	hr	
Dew Point	-28.9	°C	
Processing (Melt) Temp	241 - 271	°C	
Mold Temperature	65.6 - 107	°C	
Injection Pressure	68.9 - 103	MPa	

Injection instructions

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

NOTE

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| 1. | MIL-PRF-81705D, 5kV to 50 V, 12% RH |
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