

# RTP ESD C 200

聚酰胺 66

RTP Company

## Technical Data

### Product Description

ESD Protection - Electrically Conductive

### General

Features	• 导电	• 静电放电保护
RoHS Compliance	• 联系制造商	
Processing Method	• 注射成型	

### Physical

	额定值 单位制	测试方法
Density / Specific Gravity	1.17 g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - 流动 (3.20 mm)	1.6 到 2.5 %	ASTM D955
含水量	0.20 %	

### Mechanical

	额定值 单位制	测试方法
Tensile Modulus	2550 MPa	ASTM D638
Tensile Strength	51.7 MPa	ASTM D638
Tensile Elongation (屈服)	7.0 到 10 %	ASTM D638
Flexural Modulus	2480 MPa	ASTM D790
Flexural Strength	82.7 MPa	ASTM D790

### Impact

	额定值 单位制	测试方法
Notched Izod Impact (3.20 mm)	110 J/m	ASTM D256
Unnotched Izod Impact (3.20 mm)	无断裂	ASTM D4812

### Electrical

	额定值 单位制	测试方法
Surface Resistivity		
--	< 1.0E+5 ohms	ESD STM11.11
--	< 1.0E+6 ohms	ASTM D257
Volume Resistivity	< 1.0E+3 ohms-cm	ASTM D257
Static Decay <sup>2</sup>	< 2.0 sec	FTMS 101C 4046.1

### Injection

	额定值 单位制
Drying Temperature	79 °C
Drying Time	4.0 hr
Dew Point	-18 °C
Processing (Melt) Temp	277 到 299 °C
Mold Temperature	66 到 107 °C
Injection Pressure	68.9 到 124 MPa

### Injection Notes

Desiccant Type Dryer Required.

### 备注

<sup>1</sup> 一般属性：这些不能被视为规格。<sup>2</sup> MIL-PRF-81705D, 5kV to 50 V, 12% RH