

RTP ESD C 2700 S-50A

Styrene Ethylene Butylene Styrene Block Copolymer

RTP Company

Message:

ESD Protection - Electrically Conductive

General Information			
Features	Electrically Conductive		
	ESD Protection		
RoHS Compliance	Contact Manufacturer		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.07	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	2.0 to 3.0	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	61		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ¹ (100% Strain, 3.18 mm)	1.90	MPa	ASTM D412
Tensile Strength ² (Break, 3.20 mm)	8.79	MPa	ASTM D412
Tensile Elongation ³ (Break)	470	%	ASTM D412
Tear Strength ⁴	39.1	kN/m	ASTM D624
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	< 1.0E+6	ohms	ASTM D257
Volume Resistivity	< 1.0E+3	ohms · cm	ASTM D257
Injection	Nominal Value	Unit	
Drying Temperature	79.4	°C	
Drying Time	2.0	hr	
Processing (Melt) Temp	182 to 232	°C	
Mold Temperature	15.6 to 37.8	°C	
Injection Pressure	27.6 to 55.2	MPa	
NOTE			
1.	Die C, 510 mm/min		
2.	Die C, 500 mm/min		
3.	Die C, 500 mm/min		
4.	Die C		

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