

RTP ESD C 2700

Thermoplastic Elastomer

RTP Company

Message:

Warning: The status of this material is 'Commercial: Limited Issue'
The data for this material has not been recently verified.
Please contact RTP Company for current information prior to specifying this grade.

General Information			
Features	Conductivity		
	Antistatic property		
	Adhesiveness		
	Good flexibility		
	Extended tensile rate		
Agency Ratings	MIL B-81705C		
RoHS Compliance	Contact manufacturer		
Appearance	Black		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.10	g/cm³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	1.0 - 2.0	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.060	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shaw A	60		ASTM D2240
Shaw D	60		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	2.07	MPa	ASTM D638
Tensile Elongation (Break)	10	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	No Break		ASTM D256
Unnotched Izod Impact (3.18 mm)	No Break		ASTM D4812
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+6	ohms	ASTM D257
Volume Resistivity	1.0E+3	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94
Additional Information			

Specific Gravity, ASTM D792: 1.00-1.20Mold Shrinkage, Linear-Flow, ASTM D955, 0.25in.: 15-25mil/in.Durometer Hardness, ASTM D2240: 60 Shore A-60 Shore D

Injection	Nominal Value	Unit
Rear Temperature	163 - 232	°C
Middle Temperature	163 - 232	°C
Front Temperature	163 - 232	°C
Mold Temperature	15.6 - 65.6	°C
Injection Pressure	34.5 - 103	MPa

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Recommended distributors for this material

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