

RTP ESD C 700 BM FR

High Density Polyethylene
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			
Additive	Flame Retardant		
Features	Electrically Conductive		
	Flame Retardant		
RoHS Compliance	Contact Manufacturer		
Appearance	Black		
Forms	Pellets		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.32	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	1.5	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2000	MPa	ASTM D638
Tensile Strength	24.1	MPa	ASTM D638
Tensile Elongation (Break)	7.0	%	ASTM D638
Flexural Modulus	1380	MPa	ASTM D790
Flexural Strength	31.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (6.35 mm)	27	J/m	ASTM D256
Unnotched Izod Impact (6.35 mm)	210	J/m	ASTM D4812
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+2	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating (3.18 mm)	V-0		UL 94
Injection	Nominal Value	Unit	
Rear Temperature	177 to 288	°C	
Middle Temperature	177 to 288	°C	
Front Temperature	177 to 288	°C	
Mold Temperature	23.9 to 65.6	°C	
Injection Pressure	68.9 to 138	MPa	

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infringement occurs, please contact us immediately.

Recommended distributors for this material

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