

Stat-Tech™ ST3200-0005 ES RS

Polycarbonate

PolyOne Corporation

Message:

Stat-Tech™ Electrically Conductive Compounds are specifically engineered to provide anti-static, ESD, conductive, or EMI/RFI shielding performance. These compounds combine the performance of select engineering resins with reinforcing additives and are used for applications where static discharge/dissipation, electrical conductivity or shielding is required.

General Information			
Appearance	Black		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.24	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹	110	MPa	ASTM D638
Tensile Elongation ² (Break)	2.5	%	ASTM D638
Flexural Modulus ³	7810	MPa	ASTM D790
Flexural Strength ⁴	179	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.20 mm, Injection Molded)	100	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	135	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+2 to 1.0E+5	ohms	ASTM D257
NOTE			
1.	5.0 mm/min		
2.	5.0 mm/min		
3.	1.3 mm/min		
4.	1.3 mm/min		

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Recommended distributors for this material

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