

Stat-Tech™ X TP-1494502 Natural

Thermoplastic Elastomer

PolyOne Corporation

Message:

Stat-Tech™ Electrically Conductive Compounds are specifically engineered to provide anti-static, ESD and RFI/EMI shielding performance for critical electronic equipment applications. These compounds combine the performance of select engineering resins with reinforcing additives such as carbon powder, carbon fiber, nickel-coated carbon fiber and stainless steel fiber, for low-to-high levels of conductivity depending upon application requirements.

General Information			
Features	Antistatic		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.03	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.80 to 1.4	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	91		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	11.7	MPa	ASTM D638
Tensile Elongation (Break)	500	%	ASTM D638
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+8 to 1.0E+12	ohms	ASTM D257
Volume Resistivity	1.0E+8 to 1.0E+12	ohms · cm	ASTM D257

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