

SSP-502F-50

Conductive Fluorosilicone Elastomer

PRODUCT DESCRIPTION

The SSP502F-50 is a 50 durometer nickel coated graphite filled fluorosilicone elastomer. This product is supplied as ready-to-mold compound; fully cured, conductive sheet stock; continuous extrusion profiles; or, for some formulations, continuous rolls. The data below was generated using ASTM test methods and procedures.

DATA	Typical Values
Shore A (45- 55 range)	51
Tensile psi (100 minimum)	130 psi
Elongation % (200 minimum)	477%
Tear "B" ppi (25 min)	33
Specific Gravity (Report)	2.13
Volume Resistivity ohm / cm (0.1 max)	.015 ohm /cm
Color	Dark Gray
Thermal Stability Range	-55°C - 200°C
Shielding Effectiveness 100MHz-10GHz (E-Field)	> 113 dB

CATALYZING

Raw material available catalyzed and ready for press cure molding. Data above was generated with Varox catalyst system.

SHELF LIFE

Uncatalyzed – indefinite, may need freshening after 1-2 years. Catalyzed – 6 months. Cold storage will extend shelf life.

HANDLING & SAFETY

MSDS information is available on request.



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