

Conductive Fluorosilicone Elastomer

PRODUCT DESCRIPTION

SSP-550-45 is a Silver Plated Aluminum filled fluorosilicone conductive elastomer. This product is supplied as fully cured, conductive sheet stock or ready-to-mold compound. The data below was generated using ASTM test method and procedures. SSP550-45 was designed to meet the requirements outlined in the MIL-G-83528C specifications.

DATA	Typical Values
Shore A (40-50 range)	45
Tensile psi (150 minimum)	185 psi
Elongation % (300 minimum)	350%
Compression Set % (30 max.)	21% (70 hours at 100°C)
Specific Gravity (1.75 – 2.25)	2.08
Volume Resistivity ohm / cm (0.004 max.)	.002 ohm /cm
Color	Tan
Thermal Stability Range	-60°C - 220°C

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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