

SSP-502-60V0

Silicone Shielding Flame Retardant Elastomer

PRODUCT DESCRIPTION

The SSP502-60V0 is a 60 durometer nickel coated graphite filled flame retardant silicone elastomer. This product conforms to UL-94 V0. This product is supplied as ready-to-mold compound; fully cured, conductive sheet stock; or, for some formulations, continuous rolls. The data below are typical values using ASTM test methods and procedures and should not be used to set specifications.

DATA	Typical Values	Sheets	Rolls
Shore A (55- 65 range)	60	60	60
Tensile psi (150 minimum)	200	200	200
Elongation % (100 minimum)	250	250	250
Tear "B" ppi (50 min)	70	70	70
Specific Gravity (1.97 – 2.03)	2.0	2.0	2.0
Volume Resistivity ohm / cm (0.04 max)	.02	.02	.12 MAX
UL-94 Flammability Rating	V0	V0	V0
Color	Black	Black	Black
Thermal Stability Range	-60°C - 220°C	-60°C - 220°C	-60°C - 220°C
Shielding Effectiveness 20MHZ-10GHZ (E-Field)	> 113	> 113	> 100

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.

For more information visit www.sspinc.com. To order call **(518) 885-8826/** or Fax **(518) 885-4682**.

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