

Silicone Shielding Flame Retardant Elastomer

PRODUCT DESCRIPTION

The SSP502-60V1 is a 60 durometer nickel coated graphite filled flame retardant silicone elastomer. This product conforms to UL-94 V1. This product is supplied as ready-to-mold compound; fully cured, conductive sheet stock; or, for some formulations, continuous rolls. The data below was generated using ASTM test methods and procedures.

DATA	Typical Values
Shore A (55- 65 range)	60
Tensile psi (150 minimum)	220 psi
Elongation % (100 minimum)	160%
Tear "B" ppi (50 min)	70
Specific Gravity (1.97 – 2.03)	2.0
Volume Resistivity ohm / cm (0.04 max)	.02 ohm /cm
UL-94 Flammability Rating	V1
Color	Black
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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