

PRODUCT DESCRIPTION

The EVS502F-60 is a 60 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.

Technical Data	Method	Typical Values	Sheets	Rolls
Shore A (35- 45 range)	ASTM D2240	60	60	60
Tensile psi (100 minimum)	ASTM D412	225	225	225
Elongation % (200 min)	ASTM D412	400	400	400
Tear "B" ppi (35 min)	A STM D624	45	45	45
Specific Gravity (2.10-2.25)	ASTM D792	2.20	2.20	2.20
Volume Resistivity ohm / cm (0.1 max)	ASTM D991	.05	.05	.10
Color	-	Dark Gray	Dark Gray	Dark Gray
Thermal Stability Range	-	-55°C - 200°C	-55°C - 200°C	-55°C - 200°C
Shielding Effectiveness 20MHZ-10GHZ (E-Field)	MIL-DTL-83528	> 113	>113	>100

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CATALYZING

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

SHELF LIFE

Uncatalyzed – indefinite, may need freshening after 1-2 years.

Catalyzed – 6 months.

Cured – indefinite.

Cold storage will extend shelf life of catalyzed base.

HANDLING & SAFETY

MSDS information is available on request.



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