

PRODUCT DESCRIPTION

EVS547-65 is a 65 durometer silicone that is filled with silver plated copper particles. 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. EVS547-65 was designed to meet the requirements outlined in the MIL-G-83528C-Type B specifications.

Technical Data	Typical Values
Shore A (58- 72 range)	65
Tensile psi (200 minimum)	240 psi
Elongation % (100-300 range)	280%
Tear "B" ppi (25 min)	45
Specific Gravity (3.05 – 3.95)	3.20
Volume Resistivity ohm / cm (0.004 max)	.0009 ohm /cm
Color	Tan or Gray
Thermal Stability Range	-60°C - 220°C

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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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