



# EVS-1850C

## Thermally Conductive Silicone Elastomer

### PRODUCT DESCRIPTION

EVS-1850C is a 60 durometer thermally conductive heat cured silicone 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.

Technical Data	Typical Values
<b>Shore A</b> (55- 65 range)	62
<b>Tensile psi</b> (150 minimum)	140 psi
<b>Elongation %</b>	450 minimum
<b>Tear "B" ppi</b>	85
<b>Specific Gravity</b>	2.35 – 2.45
<b>Thermal Conductivity</b>	1.5 w/mk
<b>Volume Resistivity</b>	2.8 x 10 <sup>16</sup>
<b>Color</b>	Gray
<b>Thermal Stability Range</b>	-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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