

## SSP416-65 Silicone Shielding Elastomers

### PRODUCT DESCRIPTION

SSP416-65 is a 65 durometer silicone that is filled with silver plated glass beads. 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. SSP416-65 was designed to meet the requirements outlined in the MIL-G-83528C-Type M specifications.

DATA	Typical Values
Shore A (58- 72 range)	65
Tensile psi (200 minimum)	240 psi
Elongation % (100-300 range)	280%
Tear "B" ppi (30 min)	45
Specific Gravity (1.6 – 2.2)	1.8
Volume Resistivity ohm / cm (0.006 max)	.006 ohm /cm
Color	Tan or Gray
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.

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

### **Specialty Silicone Products, Inc.**

Corporate Technology Park \* 3 McCrea Hill Road \* Ballston Spa, NY 12020

**Specialty Silicone Products, Inc is an ISO 9001:2008 registered company.**

Because we cannot foresee or control varied conditions, under which this information and our materials may be used, we do not guarantee the applicability or accuracy of this information or the suitability of our materials for their specific purposes. This material is provided without warranty, either expressed or implied, of fitness for a specific purpose or nothing herein shall be construed as a recommendation for uses which infringe valid patents or as extending a license under valid patents.