

## **SSP2529**

### **Corrosion Resistant Silicone Shielding Elastomer**

#### **PRODUCT DESCRIPTION**

SSP2529 is a 68 durometer silicone that is filled with nickel plated aluminum particles. This product is supplied as fully cured, conductive sheet stock, continuous extrusion profiles, or ready-to-mold compound.

<b>DATA</b>	<b>Method</b>	<b>Typical Values</b>
<b>Shore A (58- 78 range)</b>	ASTM D2240	68
<b>Tensile psi (150 minimum)</b>	ASTM D412	200 psi
<b>Elongation % (100 min)</b>	ASTM D412	320%
<b>Tear "B" ppi (40 min)</b>	ASTM D624	50
<b>Specific Gravity (1.60 – 2.10)</b>	ASTM D792	2.05
<b>Volume Resistivity ohm / cm (0.150 max)</b>	ASTM D991	0.08 ohm /cm
<b>Thermal Conductivity W/mK</b>	-	1.6
<b>Color</b>	-	Dark Gray
<b>Thermal Stability Range</b>	-	-60°C - 220°C
<b>Shielding Effectiveness 20MHZ-2000MHZ</b>	MIL-DTL-83528	➤ 100 dB
<b>Galvanic Corrosion 168 Hour Salt Spray</b>	ASTM B117	0.08%

#### **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**

SDS 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.**

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