

## **SSP338A Series**

### **MIL-R-25988-(B) Type 2 Class 2 Group 50 Silicone**

#### **PRODUCT DESCRIPTION**

SSP338A is a 50 durometer heat cured silicone elastomer. It is designed to meet the fuel resistant requirements outlined in the MIL-R-25988-(B) Type 2 Class 2 Group 50 specification. This product uses a varox peroxide catalyst system. It can be supplied as ready-to-mold compound or as compression molded sheet stock. SSP338A silicone can be pigmented to a customer's requirement, but the most popular colors produced is blue.

<b>DATA</b>	<b>Typical Values</b>
<b>Shore A</b> (45 - 55 range)	50
<b>Tensile Strength</b> (1150 psi minimum)	1300 psi
<b>Elongation %</b> (350 % minimum)	500%
<b>Tear B</b> (150 ppi min)	225 ppi
<b>Specific Gravity</b>	1.50 – 1.55
*Other tests performed in accordance with MIL-R-25988-(B) Type 2 Class 2 Group 50 specification include: 22 hours Compression Set, 70 hours Compression Set, Brittle Point, Torsional Stiffness, Youngs Modulus, Shore Change, Tensile Change, Weight Loss %, Oil Immersion, Volume Change %, and Elongation Change.	
<b>Cure Profile:</b> Compression cure for 10 minutes at 177°C (350°F). Post bake for 3 hours at 200°C (390°F).	

\*Certification charges may apply for small quantity orders.

#### **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.

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