

PRODUCT DESCRIPTION

SSP338 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 1 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. SSP338 silicone can be pigmented to a customer's requirement, but the most popular colors produced are red, blue, and black.

DATA	Typical Values
Shore A (45 - 55 range)	50
Tensile Strength (1150 psi minimum)	1250 psi
Elongation % (350 % minimum)	550%
Tear B (150 ppi min)	277 ppi
Specific Gravity	1.47 – 1.53
*Other tests performed in accordance with MIL-R-25988-(B) Type 2 Class 1 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.	
Cure Profile: 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. To order call (518) 885-8826/ or Fax (518) 885-4682.

Specialty Silicone Products, Inc.

Corporate Technology Park * 3 McCreia 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.