

## SSP372 Series

### MIL-R-25988-(B) Type 2 Class 1 Group 80 Silicone

#### PRODUCT DESCRIPTION

SSP372 is a 80 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 80 specification. This product uses a varox peroxide catalyst system. It can be supplied as ready-to-mold compound or as compression molded sheet stock. SSP372 silicone can be pigmented to a customer's requirement, but the most popular colors produced is blue.

DATA	Typical Values
Shore A (75 - 85 range)	80
Tensile Strength (750 psi minimum)	800 psi
Elongation % (70 % minimum)	170%
Tear B (40 ppi min)	102 ppi
Specific Gravity	1.72 – 1.78
*Other tests performed in accordance with MIL-R-25988-(B) Type 2 Class 1 Group 80 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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