

**PRODUCT DESCRIPTION**

SSP390- is a 25 durometer heat cured silicone elastomer designed to meet the A-A 59588A Class II A&B Group 25 specification (formerly ZZR-765). This product uses a varox- or dicumylperoxide catalyst system. It can be supplied as ready-to-mold compound or as compression molded sheet stock. SSP390 silicone can be pigmented to a customer's requirement, but the most popular colors produced are red, black, and gray.

<b>DATA</b>	<b>Typical Values</b>
<b>Shore A</b> (15 - 30 range)	25
<b>Tensile Strength</b> (700 psi minimum)	1300 psi
<b>Elongation %</b> (400 minimum)	750%
<b>Specific Gravity</b>	1.10 – 1.15
*Other tests performed are in accordance with A-A 59588A Class II A&B Group 25 specification include: 22 hours Compression Set, 70 hours Compression Set, Brittle Point, Torsional Stiffness, Youngs Modulus, Shore Change, Tensile Change, Volume Change %, and Elongation Change.	
<b>Cure Profile:</b> Compression cure for 10 minutes at 177°C (350°F). Post bake for 1 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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