SSP391 Series
A-A 59588A Class II A&B Group 80 Silicone

PRODUCT DESCRIPTION
SSP391 is an 80 durometer heat cured silicone elastomer designed to meet the A-A 59588A Class II A&B Group 80 specification (formerly ZZR-765). This product uses a varox- or dicumyl-peroxide catalyst system. It can be supplied as ready-to-mold compound or as compression molded sheet stock. SSP391 silicone can be pigmented to a customer’s requirement, but the most popular colors produced are red and black.

<table>
<thead>
<tr>
<th>DATA</th>
<th>Typical Values</th>
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</thead>
<tbody>
<tr>
<td>Shore A (75 - 85 range)</td>
<td>80</td>
</tr>
<tr>
<td>Tensile Strength (650 psi minimum)</td>
<td>1200 psi</td>
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<tr>
<td>Elongation % (100 minimum)</td>
<td>150%</td>
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<tr>
<td>Tear B (35 ppi min)</td>
<td>80 ppi</td>
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<tr>
<td>Specific Gravity</td>
<td>1.40 – 1.46</td>
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</tbody>
</table>

*Other tests performed are in accordance with A-A 59588A Class II A&B Group 80 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.

Cure Profile: Compression cure for 10 minutes at 177°C (350°F). Post bake for 2 hours at 177°C (350°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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