PRODUCT DESCRIPTION

SSP1778 is a 50 durometer heat cured silicone elastomer designed to meet the AMS-3345 specification. This product uses a dicumyl-peroxide catalyst system. This product is supplied as ready-to-mold compound and can be pigmented to a customer’s requirement, but the most popular colors produced are brick red, black, and gray.

<table>
<thead>
<tr>
<th>DATA</th>
<th>Typical Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shore A (45 - 55 range)</td>
<td>50</td>
</tr>
<tr>
<td>Tensile Strength (1000 psi minimum)</td>
<td>1260 psi</td>
</tr>
<tr>
<td>Elongation % (450 minimum)</td>
<td>670%</td>
</tr>
<tr>
<td>Tear B (150 ppi minimum)</td>
<td>190 ppi</td>
</tr>
<tr>
<td>Tensile Stress @100% (90 minimum)</td>
<td>160 %</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.17-1.23</td>
</tr>
</tbody>
</table>

*Other tests performed are in accordance with AMS-3345 specification include: 22 hours Compression Set, Brittle Point, Shore Change, Tensile Change, Elongation Change, Volume Change % in oil. Heat aged Shore Change, Tensile Change, Elongation Change.

Cure Profile: Compression cure for 10 minutes at 177°C (350°F). Post bake for 2 hours at 200°C (392°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 Peroxide catalyst system.

SHELF LIFE

- Uncatalyzed – indefinite, may need freshening after 1-2 years.
- Catalyzed – 6 months.
- Cold storage will extend shelf life.
- Cured – indefinite.

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.

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