

**High Strength 60 Durometer Silicone**

**PRODUCT DESCRIPTION**

SSP392T is a 60 durometer high tear strength and flex resistance heat cured silicone elastomer. This product uses a DCLBP peroxide catalyst system. It can be supplied as uncured compound ready to use, compression molded sheet stock, or continuous rolls. Meets the A-A 59588 Class 3B Grade 60 Specification.

| Test  | Specifications | Typical Values |
|---|----------------|----------------|
| Shore A   | 55 - 65        | 60             |
| Tensile Strength, psi   | 1200 min.      | 1280           |
| Elongation %  | 400 min.       | 650            |
| Tear-B, pli   | 150 min.       | 240            |
| Comp Set (70/100°C), %  | 25 max         | 19.8           |
| Specific Gravity  | 1.16-1.22      | 1.19           |
| Flex Resistance(50,000 cycles), inch  | 0.5 max        | 0.45           |
| Low Temperature Brittle Point @ -70°C   | Pass 5 of 5    | Pass           |
| Heat Aging (70 hours @ 200°C)   |                |                |
| Shore-A Change, points  | ± 10 max       | +4             |
| Tensile Change, %   | -30 max        | -3             |
| Elongation Change, %  | -35 max        | -13            |
| Volume change % (70 hrs @ 100°C in Water)   | 5 max          | 1.2            |
| <p><b>Cure Profile:</b> Compression cure for 15minutes at 116°C (240°F). Post Cure for 2 hours at 200°C (392°F)<br/> Rheology: (3°, 7 min. @ 240°F) T1: 0.75, MH: 38, ML: 4.7</p> |                |                |

**CATALYZING**

Raw material is available catalyzed and ready for compression molding and HAV curing. Data above was generated with Bis(2,4 Di-Chlorobenzoyl) Peroxide catalyst system. A-A 59588 Class 3B Grade 60 Specification is only certified with the DCLBP catalyst.

**COLOR AVAILABILITY:** Gray, Light Gray, Red(RIO), and Black

**SHELF LIFE**

- Catalyzed – 2 months. Cold storage will extend shelf life. (Store below 80°F)
- Cured - indefinite

**HANDLING & SAFETY**

SDS 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.

**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.