

MIL-DTL-25988-(C) Type 2 Class 1&2 Group 50 Fluoroilicone

PRODUCT DESCRIPTION

SSP338 is a 50 durometer heat cured fluorosilicone elastomer. It is designed to meet the fuel resistant requirements outlined in the MIL-DTL-25988-(C) Type 2 Class 1&2 Group 50 specification. This product uses a DBPH peroxide catalyst system. It can be supplied as ready-to-mold compound or as compression molded sheet stock. SSP338 silicone can be pigmented to a customer's requirement, but the most popular colors produced are red, blue, and black.

| Testing | Spec | Typical Values |
|--|-------------|----------------|
| Shore A, points | 45-55 | 50 |
| Tensile Strength, psi | 1150 | 1250 |
| Elongation, % | 350 | 550 |
| Tear B, ppi | 150 | 277 |
| Specific Gravity | 1.47 – 1.53 | 1.50 |
| Comp Set, % 22 hrs @ 177°C | 35 | 25 |
| Comp Set, % 70 hrs @ 24°C | 15 | 9 |
| *Other tests performed in accordance with MIL-DTL-25988-(C) Type 2 Class 1 Group 40 specification include: Brittle Point, Torsional Stiffness, Heat Aging Change, Oil & Fuel Immersion Change. | | |
| Cure Profile: Press cure for 15 minutes at 177°C (350°F). Post Cure for 3 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 DBPH catalyst system.

SHELF LIFE

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

HANDLING & SAFETY

SDS 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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