

PRODUCT DESCRIPTION

SSP083 is a 60 durometer heat cured fluorosilicone elastomer. It is designed to meet the fuel resistant requirements outlined in the AMS-3326/3325 specification and AMS-R-25988-(C) /Type 1&2 Class 1 Group 60. 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. SSP083 fluorosilicone 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	55 - 65	60
Tensile Strength, psi	900	1000
Elongation, %	175	350
Tear B, ppi	40	150
Specific Gravity	1.60 – 1.65	1.62
Comp Set, % 22 hrs @ 177°C	40	20
Comp Set, % 70 hrs @ 24°C	15	7
*Other tests performed in accordance with AMS3325/3326 & MIL-DTL-25988 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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