

SSP1778 Series
AMS-3345 50 Durometer Silicone

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.

DATA	Typical Values
Shore A (45 - 55 range)	50
Tensile Strength (1000 psi minimum)	1260 psi
Elongation % (450 minimum)	670%
Tear B (150 ppi minimum)	190 ppi
Tensile Stress @100% (90 minimum)	160 %
Specific Gravity	1.17-1.23
*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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