

SSP220 Series
A-A 59588A Class II A&B Group 40 Silicone

PRODUCT DESCRIPTION

SSP220- is a 40 durometer heat cured silicone elastomer designed to meet the A-A 59588A Class II A&B Group 40 specification (formerly ZZR-765). This product uses a varox- or dicumylperoxide catalyst system. It can be supplied as ready-to-mold compound or as compression molded sheet stock. SSP220 silicone can be pigmented to a customer's requirement, but the most popular colors produced are red, black, and gray.

DATA	Typical Values
Shore A (35-45 range)	40
Tensile Strength (700 psi minimum)	900 psi
Elongation % (240 minimum)	400%
Specific Gravity	1.10 – 1.15
*Other tests performed are in accordance with A-A 59588A Class II A&B Group 40 specification include: 22 hours Compression Set, 70 hours Compression Set, Brittle Point, Torsional Stiffness, Youngs Modulus, Shore Change, Tensile Change, Volume Change %, and Elongation Change.	
Cure Profile: Compression cure for 10 minutes at 177°C (350°F). Post bake for 3 hours at 200°C (390°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 Varox catalyst system.

SHELF LIFE

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

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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