

Low Temperature 60 Durometer Silicone

PRODUCT DESCRIPTION

SSP2524T is a 60 durometer low temperature resistant, high tear strength and flex resistance heat cured phenyl 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 3A Grade 60 Specification.

Test	Specifications	Typical Values
Shore A	55 - 65	58
Tensile Strength, psi	1100 min.	1225
Elongation %	400 min.	817
Tear-B, ppi	150 min.	237
Comp Set (70/100°C), %	40 max	36.9
Specific Gravity	1.19-1.25	1.22
Flex Resistance(10,000 cycles), inch	0.5 max	0.26
Low Temperature Brittle Point @ -90°C	5 of 5	Pass
Low Temperature Torsional Stiffness @-75°C, ratio	15 max	7.09
Heat Aging (70 hours @ 200°C)		
Shore-A Change, points	± 10 max	+6
Tensile Change, %	-35 max	-13.8
Elongation Change, %	-35 max	-32.2
Volume change % (70 hrs @ 100°C in Water)	5 max	0.8
Cure Profile: Compression cure for 15minutes at 116°C (240°F). Post Cure for 2 hours at 200°C (392°F)		

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 3A Grade 60 Specification is only certified with the DCLBP catalyst.

COLOR AVAILABILITY: 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. To order call (518) 885-8826/ or Fax (518) 885-4682.

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