

SSP1331T
40 Durometer Silicone
AMS3301

PRODUCT DESCRIPTION

SSP1331T is a 40 durometer product has been used typically for parts required to operate from -85 to 400 °F (-65 to 205 °C). Silicone elastomer is resistant to deterioration by weathering and petroleum-base lubricating oil and remains flexible over the temperature range noted, but usage is not limited to such applications. The physicals are tested to the AMS-3301 Specification.

<i>Test</i>	<i>Specifications</i>	<i>Typical Values</i>
Shore A	35 - 45	40
Tensile Strength, psi	700 min	1007
Elongation %	250 min	494
Tensile Stress @ 100%	200 max	91
Tear-B, ppi	55 min	62
Comp Set (70/150°C), %	25 min	22
Specific Gravity	1.08-1.14	1.12
Fluid Immersion (IRM901 Oil)		
Shore A change, points	-15 max	-5
Tensile change, %	-25 max	-14
Elongation change, %	-20 max	-1
Volume Change, %	15 max	5.2
Heat Age 70 hours @ 225°C		
Shore A change, points	10 max	-3
Tensile change, %	-20 max	-13
Elongation change, %	-40 max	-6
Low Temperature Brittle Point @ -65°C	Pass 5 of 5	Pass
Cure Profile: Compression cure for 10 minutes at 116°C (240°F). Post Cure for 1 hours at 200°C (392°F) Rheology: (3°, 7 min. @ 240°F) T1: 0.8, MH: 40, ML: 4.2		

CATALYST

- 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.
- Available in Black, Red, or Gray

SHELF LIFE

Catalyzed – 2 months. Cold storage will extend shelf life. (Store below 80°F)

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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