



## ANNUAL LABORATORY TEST REPORT

**COMPOUND:** Sevrene® 3582-70A  
**COLOR:** N/A  
**SPECIFICATION:** GENERAL

**CERT NO:** L2148  
**ANNUAL REPORT DATE:** 1/11/17  
**ORIGINAL LABORATORY REPORT DATE:** v. 2009  
**PAGE:** Page 1 of 2

**DATA REPRESENTS ACTUAL LABORATORY TESTS AND REMAINS CURRENT FOR ONE YEAR**

Test Freq.	Test Method	Results
	Specific Gravity; ISO1183-1, ASTM 792	0.94
	Hardness, Shore A, 15 sec. delay; ISO 868, ASTM D2240	69
	Tensile Strength, MPa min. ISO 37, 500mm/min	11.2
	% Elongation @ Break, % min. ISO 37, 500mm/min	935
	Tensile Stress at 100%, MPa min. ISO 37, 500mm/min	2.2
	Tear Strength, kN/m min. ISO 34-1B, 500mm/min	30
	Cold Flexibility @ -30°C, LP 463DD-07-01	No Cracks
	Compression Set, ISO 815, ASTM D395, % max.	
	168 hrs at 100°C	58
	168 hrs at 23°C	25
	Fogging, SAE J1756, % min. 6 hrs at 95°C and 38°C	87
A	Flammability, ISO 3795, 100mm/min. max.	52.0
	Properties after heat aging, ISO 188, ASTM D573, 1000 hrs at 80°C	
	Change in Tensile, %	+2
	Change in Elongation, %	-19

\* Test is outside our scope of accreditation.

\*\* This test was performed by a subcontracted accredited testing laboratory.

\*\*\* This test was performed at supplier's biological laboratory.

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A = Americhem tests annually.

All other tests are performed once at the time of the original lab report date.

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Test Freq.	Test Method	Results
	<i>Weathering Resistance</i> Interior Xenon, SAE J1885, 1240.8 kJ/m <sup>2</sup>	$\Delta E = 0.5$ (black) Pass
	Exterior Xenon Arc 2500 kJ/m <sup>2</sup> SAE J1960	$\Delta E = 1.4$ ; Pass (black) Pass
	2yrs Florida, SAE J1976A* , **	$\Delta E = 1.14$ (black) Pass
	2 yrs Arizona, SAE J1976A* , **	$\Delta E = 0.10$ Pass

Approved by:   
 Edward Park, Ph.D., R&D Manager

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