

## LABORATORY TEST REPORT

COMPOUND: Sevrene® 4582-90A  
COLOR: N/A  
SPECIFICATION: General

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DATA REPRESENTS ACTUAL LABORATORY TESTS

Test Method	Results
Hardness Durometer Shore A ISO 868/ASTM D2240	90
Specific Gravity/Density ISO1183-A	0.96
Tensile Strength, MPa ISO527-5A	16.4 MPa
Tensile Stress at 100% (MPa)	6.2 MPa
Ultimate Elongation, %, ISO527-5A	739 %
Tear Strength, kN/m ISO34-B, Procedure A	49.5
Heat Aging Performance ISO188, 1000h @ 100 ± 2°C	No objectionable color change or tackiness
Change in Tensile Strength, %	-18 %
Change in Elongation, %	-17.6 %
Change in Hardness, pts	-4 pts
Change in Tear Strength, %	7.4 %
Bend Test (180° flat against itself)	No Cracking
Fogging number, SAE J1756	96
Odor, FLTM BO 131-01, Rating	2
Flammability, ISO 3795/SAE J369, Burn Rate max., mm/min	55
Low Temperature Brittleness, ISO 812, Type B*, **	No Cracking
Fade Resistance, Rating SAE J1885, 1240.8 kJ/m <sup>2</sup> .	Rating 4 ΔE = 1.51 (black)

\* 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.

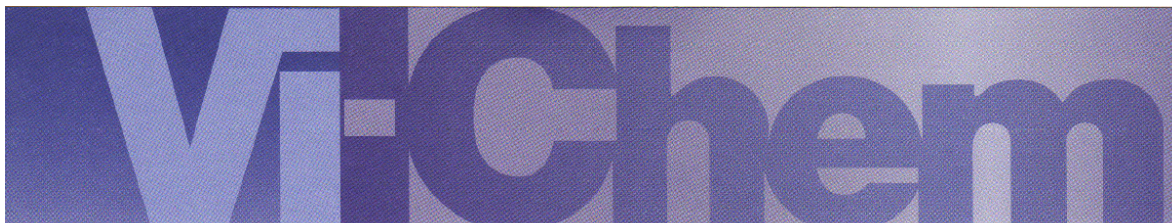
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All tests are performed once.

This report is not to be reproduced except in full.

**Additional information about testing may be found in the accreditation section on our website at [www.vichem.com](http://www.vichem.com)**

**VI-Chem Corporation, 55 Cottage Grove, SW, Grand Rapids, MI 49507 Office (616) 247-8501 or (800) 477-8501, Fax (616) 247-8703**



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DATA REPRESENTS ACTUAL LABORATORY TESTS

Test Method	Results
Florida Weathering under Glass, Rating FLTM BI 160-01, 12 months, AATCC*, **	Rating 4-5 $\Delta E = 0.42$ (black)
Scratch Resistance FLTM BN 108-13, 1mm stylus, Rating	Rating 2
Stain Resistance FLTM BN 103-10, AATCC Evaluation Procedure 3*, **	Rating 4
Suntan Lotion and Insect Repellant Resistance	
Room Temperature, Suntan Lotion	Rating 1
Room Temperature, Insect Repellant	Rating 1
74°C, Suntan Lotion	Rating 1
74°C, Insect Repellent	Rating 2
Soiling and Cleanability of Interior Trim Rating, AATCC Evaluation, Procedure 1 FLTM BN 112-08; ISO 105-A02	
NLGI 2 Grease	Rating 4-5
Orange Juice	Rating 4
Coffee	Rating 4-5
Synthetic Soil	Rating 4-5
Ketchup	Rating 4
Cleaning Agent Resistance, AATCC FLTM BN 107-01, 10 Cycles, Procedure 2	
Dry	Rating 5
Deionized Water	Rating 5
Window Cleaner containing ammonia	Rating 4-5
All Purpose Cleaner	Rating 5
Isopropyl Alcohol/Water 50:50	Rating 4-5

Approved by:

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