



LABORATORY TEST REPORT

COMPOUND: **Sevrene ®3582-80A**
COLOR **N/A**
SPECIFICATION: **General**

Page 1 of 2

DATA REPRESENTS ACTUAL LABORATORY TESTS

| <u>Test Method</u> | <u>Results</u> |
|--|----------------|
| Specific Gravity; ISO 1183 | 0.94 |
| Hardness, Shore A, 15 second delay; ISO 868 | 81 |
| Tensile Strength, MPa min. ISO 37, Type 1, 500mm/min | 14.0 MPa |
| Elongation @ Break, % min. ISO 37, Type 1, 500mm/min | 978% |
| Tensile Stress @100%, MPa min. ISO 37, Type 1, 500mm/min | 3.8 MPa |
| Tear Strength, kN/m min. ISO 34, 500mm/min | 37.8 kN/m |
| Cold Flexibility @ -30°C, FLTM BN102-01 | Pass |
| Compression Set, ASTM D395, % max. 168 hrs at 100°C | 58 |
| 168 hrs at 23°C | 43 |
| Fogging, SAE J1756, % min. 6 hrs at 95°C and 38°C | 98 |
| Flammability, ISO 3795, mm/min max. | 43 mm/min. |
| Properties after heat aging, ASTM D412, 1008 hrs at 100°C | |
| Retention in Tensile, % | 97% |
| Retention in Elongation, % | 85% |

* 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.

\\Vcfp1\data\SHARED\LabData\2017\412_Sevrene 3582-80A General.doc

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

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



LABORATORY TEST REPORT

COMPOUND: **Sevrene ®3582-80A**
COLOR **N/A**
SPECIFICATION: **General**

Page 2 of 2

DATA REPRESENTS ACTUAL LABORATORY TESTS

| <u>Test Method</u> | <u>Results</u> |
|--|------------------------------------|
| Weathering Resistance Interior Xenon, SAE J1885, 1240kJ/m ² * ** | Δ E = 0.57 Pass (Black only) |
| Exterior Xenon Arc 2500 kJ/m ² SAE J1960 | Δ E = 0.30 Pass (Black only) |
| 2-yrs Florida, SAE J1976*,** | Δ E = 0.33 Pass (Black only) |
| 2-yrs Arizona, SAE J1976*,** | Δ E = 0.22 Pass (Black only) |

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

* 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.

\\Vcfp1\data\SHARED\LabData\2017\412_Sevrene 3582-80A General.doc

All tests are performed once.

This report is not to be reproduced except in full.