

LABORATORY TEST REPORT

COMPOUND: Sevrene®4000-75A
 COLOR: N/A
 SPECIFICATION: GENERAL

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DATA REPRESENTS ACTUAL LABORATORY TESTS.

Test Method	Results
Specific Gravity; ISO 1183-1	1.11
Hardness, Shore A, ISO 868 15 seconds delay	75
Tensile Strength, ISO 37, 500mm/min, MPa	8.9
Elongation @ Break, ISO 37, 500mm/min, %	952
Stress at 100% Elongation, ISO 37, 500mm/min, MPa	2.9
Compression Set, ISO 815 22 hours at 70°C, %	39
Tear Strength, ISO 34-1, Method B, 500mm/min, kN/m	38.3
Low Temperature Brittleness, ISO812, Type B*, **	-50°C
Properties after Heat Aging, SAE J2236 1008 hours at 100°C	
Change in Tensile Strength, % retention	98
Change in Ultimate Elongation, % retention	104
Fogging, GM9305P, type B 6 hours at 85°C and 38°C, %	95
Colorfastness to Light, Xenon arc, SAE J1885, 1240kJ/m, interior	
Color Change	ΔE = 1.87
Surface Defects	No objectionable defects
Accelerated Weathering, Xenon Arc, SAE J1960, 2500 kJ/m ² , exterior	
Color Change	ΔE = 1.56
Surface Defects	No objectionable defects allowed

Additional information about testing may be found in the accreditation section on our website at www.vichem.com
 * = This test is outside our scope of accreditation. ** = This test was performed by a subcontracted accredited testing laboratory.
All tests are performed one time. This report is not to be reproduced except in full.



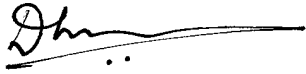
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Test Method	Results
Solar Weathering, natural exposure, SAE J1976, exterior 2 years Florida*, ** Color Change Surface Defects	$\Delta E = 0.97$ No objectionable defects allowed
2 years Arizona*, ** Color Change Surface Defects	$\Delta E = 1.15$ No objectionable defects allowed

Approved by: 
Rahul Dhavalikar Ph.D, Technical Group Leader

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