



ANNUAL LABORATORY TEST REPORT

COMPOUND: V143-90E
COLOR: NA
SPECIFICATION: WSB-M4D871-A4

ANNUAL REPORT DATE: 5/25/16
ORIGINAL LABORATORY REPORT DATE: 02/01/01
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DATA REPRESENTS ACTUAL LABORATORY TESTS AND REMAINS CURRENT FOR ONE YEAR

Test Freq.	Test Method	Spec. Range	Results
A	Specific Gravity, ASTM D792 max.	1.45	1.37
A	Hardness, Durometer A, ASTM D2240, Shore A, 15 sec. delay	85 ± 5	87
A	Tensile Strength, ASTM D638, MPa min	12.4	22.4 MPa
A	Elongation, ASTM D638, % min.	200	199%
A	Tear Strength, ASTM D624, kN/m min.	44	72.1 kN.m
	Cold Flexibility, FLTM BN 102-01, - 23°C	No cracks	Pass
	Color Stability, ISO188, ASTM D573, AATCC Rating	Rating 4	Rating 5
	Heat Aging Performance		
	Tensile Strength Change, %	± 15% of original value	-15 (16MPa)
	Elongation Change, %	± 15% of original value	-25 (269%)
	Weight Change, % max.	2% of original value	1.9
	Contact Migration Staining, FLTM BN 003-01*, **	No staining or surface change	Pass
	Paint Staining, FLTM BP 153-01*, **	No staining	No Stain
	Odor max., FLTM BO 131-01	Rating 2	2
	Fogging, SAE J1756, % min.	60	fail (droplets)
	Flammability ISO 3795	100 mm/min.	SE

Approved by: 
Richard Rabe, 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.
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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