



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

FOAMEX INNOVATIONS OPERATING COMPANY

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MECHANICAL

Valid To: July 31, 2012

Certificate Number: 1116.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on polymers, textiles and vinyls:

<u>Test Description</u>	<u>Test Method(s)¹</u>
Air Flow	GM 251M (Sec. 4.1)
Antimicrobial Milk Test	CLP-463KB-34-01
Ash Content	ASTM D1278 (Sec 14-17), D586
Ball Rebound	ASTM D3574 (Method H); LP-463FA2-01
Bond/Peel Strength	ASTM D413 (Sec 8-10), D751 (Sec 11-16); LP-463LB10-01; GM 3602M ² ; GMW 3220
Bow & Skew	ASTM D3882
Cleanability	GM 6291M ² (3.1.2), 9126P
Cleaning Resistance	GM 9900P; GMW 3402
Cold Cracking	GM 9140P; LP-463KB28-01 (Method B)
Color Crocking	AATCC 8; FLTM BN 107-02; ISO 105-X12
Colorfastness to Elevated Temperature	GM 2737M ² (6.2)
Colorfastness to Light (Spectrophotometer)	SAE J1767
Compatibility	GM 9141P
Compression Force Deflection (CFD)	ASTM D3574 (Method C)
Compression Set (Constant Deflection)	ASTM D3574 (Method D); FLTM BN015-07:92; LP-463KB05-01; ISO 1856
Crease Resistance	GM 9201P; WSS-M8P18A1-A4 (Sec 3.13.2)
Curling	GM 2737M ² (5.9)
Cycle Aging	GM 9200P, GM 9505P (Cycle M); GMW 14124 (Cycles Q, T & S)
Density	ASTM D3574 (Method A); ISO 845
Dimensional Stability	GM 9452P; SAE 315 (Sec 15); GMW 4217
Dry Heat Oven Aging	ASTM D3574 (Method K)
Elongation	ASTM D3574; LP-463KB2-01; GMW 3010
Fastening Strength	GM 9207P (Sec 3.1)
Fiber Degradation	FLTM BN-117-03 (Method B); GM 9771P
Firmness	GM 9199P
Pile Distortion	GMW 3274, GMW 4141

<u>Test Description</u>	<u>Test Method(s)¹</u>
Flammability	FMVSS 302; GM 9070P; ISC-C93-001 Method 12; SAE J369; California Tech Bul. 117 (Test A1 + D2); UL 94 (Sec 12 only); GMW 3232; HES D6003; MES CF 050C; NES M0094; MS 300-08
Flex Fold	LP-463LB-09-01
Flex Fatigue	ASTM D3574 (Method I2)
Flexibility	GMW 3390
Fogging	SAE J1756; GMW3235
Hydrolytic Stability	GM 9231P; GMW 14124
Indentation Force Deflection (IFD)	ASTM D3574 (Method B)
Indentation Residual Gage Load (IRGL)	ASTM D3574; SAE J815
Laminate Curl	GM 9330P; GMW 4089
Loaded Height	SAE J815
Low Temperature Flexibility	FLTM BN102-01 (Method A)
Low Temperature Load Compression	ESB-M2D 243-A (Sec 3.3.9) ²
Migratory Staining	ASTM D925 (Method A); FLTM BO-115-01
Mildew	GM 9128P; GMW 3259
Odor	SAE J1351; FLTM BO131-01; LP-463KC-9-01, LP-463KB-34-01; GMW 3205
pH	AATCC 81
Porosity (Dow, Frazier)	ASTM D3574 (Method G), D737; ISO 9237
Resistance to Blocking	GM 2737M (Sec 5.14) ²
Resistance to Heat Aging	LP-463LB13-01; ASTM D3574 (Method K)
Resistance to Humidity	GM 9131P; LP-463LB12-01
Retained Tensile Strength	FLTM BN117-03 (Method A)
Seam Fatigue Resistance	FLTM BN 106-02; GMW 3405
Seam Strength	FLTM BN119-01
Shrinkage	SAE J883; FLTM BN105-01
Solvent Resistance	ESB-M17H93
Specular Gloss	ASTM D523
Stain Protector Performance (Oil, Water)	AATCC 118; LP-463KB-37-03; GM 9317P; GMW 4726
Stain Release	LP-463KB-37-02
Static Force Loss	ASTM D3574 (Method II)
Static Friction	ASTM D1894
Steam Autoclave Aging	ASTM D3574 (Sec J)
Steaming	LP-463KC-15-01; GM 9200P
Stretch and Set	SAE J855; GMW 3211
Taber Abrasion	SAE J948; ASTM D3884; LP-463KB-37-02; GMW 3208
Tear Strength (Tongue, Trapezoid, Trouser)	ASTM D3574 (Method F), D2261, D5587; GMW 3326; ISO-13937-2
Tensile Strength	ASTM D3574 (Method E), D5034; GMW 3010
Thickness	ASTM D1777; ISO 5084
Visual Evaluation of Automotive Trim	SAE J361

Peter Abney

<u>Test Description</u>	<u>Test Method(s)¹</u>
Water Seal	GMW 15473 (Sec 3.18); TSK 6712G (Sec 6.2.3); WSK M2D 460A (Sec 3.5.9); WSB M46 337A (Sec 3.11)
Water Spotting	GM 9133P; GMW 14102
Weight	GM 2737M ² (5.1); GMW 3182; ASTM D3776
Wicking	GM 9146P (Sec 4.1); SAE J913
Width	ASTM D3774
Xenon Arc Weatherometer	SAE J1885, J2412; FLTM BN117-03
Yarn Count	ASTM D3775; GMW 4090

¹ Also according to customer specifications directly related to the test technologies listed.

² The accredited test methods listed above are used in determining compliance with any material specifications included on this Scope; however, the inclusion of these material specifications on this Scope does not confer laboratory accreditation to the material specifications.



World Class Accreditation

The American Association for Laboratory Accreditation

Accredited Laboratory

A2LA has accredited

FOAMEX INNOVATIONS OPERATING COMPANY

Auburn, IN

for technical competence in the field of

Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General Requirements for the Competence of Testing and Calibration Laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009*).

Presented this 24th day of August 2010.





Peter Abney

President & CEO
For the Accreditation Council
Certificate Number 1116.01
Valid to July 31, 2012

For the tests or types of tests to which this accreditation applies, please refer to the laboratory's Mechanical Scope of Accreditation.