



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

SHAWMUT CORPORATION
SHAWMUT LABORATORY SERVICES
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MECHANICAL

Valid To: March 31, 2021

Certificate Number: 2228.01

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

TEST

TEST METHOD(S)

Bond Strength - Original

ASTM D413, D751;
Chrysler 463LB-10-01;
FLTM BN 151-05;
GMW 3220;
DIN 53-357;
TSL3610G 7.5.1;
8320Z-SW5-9000 5.16;
BSDL 3610

Breaking Strength

ASTM D5034, D5035, D751;
FLTM BN 117-03

Chemical Resistance

8320Z-SW5-9000 5.12

Color Read Through

GMW 4750

Colorfastness to Water

AATCC 107

Crocking

FLTM BN 107-01;
SAE J861;
BSDL 3610;
TSL 3610G;
ISO 105X12

Cyclic / Accelerated Aging

GMW 14124 Cycles D, E, I, K, M, O, P

Dimensional Change % (Shrinkage)

FLTM BN 105-01;
SAE J883;
8320Z-SW5-900 5.7.1/5.7.2;
TSL 3610G;
BSDL 3610

TEST

TEST METHOD(S)

Dye Stability

AATCC 107;
GMW 14141

Elongation

ASTM D5034, D5035;
Chrysler 463KB-02-01;
TSL3610G 7.3.1;
8320Z-SW5-9000 5.4.2;
GMW 3010

Fade Resistance

AATCC Evaluation Procedure 1;
AATCC TM 16;
GMW 3414;
ISO 105-A02;
SAE J2412;
8320Z-SW5-9000 5.3;
BSDL 3610;
TSL 3610G;
NES M0154;
BO 116-01

Flammability

ISO 3795;
TSM0500G;
HES D6003

Fog Resistance

Chrysler 463DB-12-01;
SAE J1756;
TSM 0503G

Laminate Curl / Resistance to Curl

WSS M8P30 Section 3.28;
GMW 4089

Mass

SAE J860;
TSL3610G 7.2;
8320Z-SW5-9000 5.3;
NES M0154;
BSDL 3610

Odor

Chrysler 463KC-09-01;
FLTM BO 131-03;
GMW 3205;
SAE J1351

Resistance to Heat

AATCC Evaluation Procedure 1;
Chrysler 463LB-13-01;
ISO 105-A02;
8320Z-SW5000 5.14

Resistance to Thermal Cycling

Chrysler 463LB-12-01

Resistance to Water Spotting

GMW 14102;
LP 463KC-3-01;
8320Z-SW5-9000 5.8



<u>TEST</u>	<u>TEST METHOD(S)</u>
Resistance to Humidity	8320Z-SW5-9000 5.15
Retained Tensile	FLTM BN 117-03
Soil Resistance & Cleanability	AATCC Evaluation Procedure 1; Chrysler 463KC-04-01; FLTM BN 112-08; GMW 3402; ISO 105-A02
Structural Density	GMW 4090; NES M0154
Tear Resistance (Tongue)	ASTM D2261; 832-OZ-SW5-9000 5.6.2
Tear Strength (Trap)	GMW 3326; TSL3610G 7.4; BSDL 3610; NES M0154
Breaking Strength / Tensile Strength	ASTM D5034, D5035, D751; TSL3610G 7.3.1; 832-OZ-SW5-9000 5.4.2; FLTM BN 117-03; BSDL 3610; NES M0154
Thickness	ASTM D1777; SAE J882
Wear Resistance (Taber)	ASTM D3884; FLTM BN 108-02; GMW 3208; SAE J948; TSL3610G 7.10; BSDL 3610; 8320Z-SW5-9000

Note: The laboratory is only accredited for the test methods listed above. The accredited test methods are used in determining compliance with the material specification listed below. The inclusion of this material specification on this Scope does not confer laboratory accreditation to the material specification nor does it confer accreditation for the method(s) embedded within the specification.

GMW 14231



Accredited Laboratory

A2LA has accredited

SHAWMUT CORPORATION SHAWMUT LABORATORY SERVICES

Port Huron, MI

for technical competence in the field of

Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *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 April 2017).



Presented this 24th day of May 2019.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2228.01
Valid to March 31, 2021

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