



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

FMI Chemical, Inc.
4 Northwood Drive
Bloomington, CT 06002

Fulfills the requirements of

ISO/IEC 17025:2017

In the field of

TESTING

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

A handwritten signature in black ink, appearing to read 'R. Douglas Leonard Jr.', is positioned above a solid horizontal line.

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 18 January 2023
Certificate Number: AT-1912



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

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

FMI Chemical, Inc.

4 Northwood Drive, Bloomfield, CT 06002

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www.fmichemical.com

TESTING

Valid to: **January 18, 2023**

Certificate Number: **AT-1912**

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Water Absorption Test Field: Physical ²	ASTM D570	Polymers	Analytical Balance Oven
Dry Heat Resistance Test Field: Physical ²	ASTM D573	Polymers	Analytical Balance, Oven and Durometer
Lap Shear Strength Test Field: Mechanical	ASTM D816 Method B, Type 1	Polymers	Instron
% Cohesive Failure Test Field: Mechanical	ASTM D816 Method B, Type 1	Polymers	Instron
% Nonvolatile Content Test Field: Physical	ASTM D2369; PWA MCL Manual Section R-2; Customer provided specification	Polymers	Analytical Balance Oven
Solid Content Test Field: Physical	ASTM D2369	Coatings	Analytical Balance Oven
Leveling Test Field: Physical	PWA 300 / LCS F17 A-3 Table 1; Customer provided specification	Polymers	Visual
Heat Resistance Test Field: Physical	PWA 300 / LCS F17 A-3 Table 1; Customer provided specification	Polymers, Coatings	Visual
Specific Gravity Test Field: Physical	ASTM D1298	Polymers	Hydrometer
Specific Gravity Test Field: Physical ²	ASTM D297, ASTM D792, Method A; PWA MCL S-42; Customer provided specification	Polymers	Analytical Balance
Viscosity Test Field: Physical	ASTM D445	Polymers	Cannon 50 Capillary Viscometer

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Viscosity Test Field: Physical	ASTM D2196; PWA MCL S-77; Customer provided specification	Polymers	Brookfield Viscometer
Corrosion Test Field: Physical	PWA 300 / LCS F17 A-3 Table 1; Customer provided specification	Polymers	Visual
Adhesion Test Field: Physical	ASTM D2510	Coatings	Visual
Tensile Strength Test Field: Mechanical ¹	ASTM D412, Die C	Polymers	Instron
Elongation Test Field: Mechanical ¹	ASTM D412, Die C	Polymers	Instron
Hardness Test Field: Physical ²	ASTM D2240	Polymers	Durometer
Hardness Test Field: Physical	ASTM D785	Resins	Rockwell Hardness Tester
Shear Strength Test Field: Mechanical	ASTM D4562; PWA 549 P 3.3.1.1; Customer provided specification	Resins	Instron
Locking Strength Test Field: Mechanical	ASTM D5649; PWA 549 P 3.3.2.1; Customer provided specification	Resins	Torque Wrench
Flow Rate Test Field: Physical	ASTM D2202; PWA MCL S-71; Customer provided specification	Polymers	Flow Rate Fixture and Timer
Working Life Test Field: Physical	PWA 300 / LCS F17 A-3 Table 1; Customer provided specification	Polymers	Visual and Timer
Color Test Field: Physical	PWA 300 / LCS F17 A-3 Table 1; Customer provided specification	Polymers, Coatings, Resins	Visual
Extrusion Rate Test Field: Physical	PWA MCL S-71; Customer provided specification	Polymers	Analytical Balance and Timer
Tack Free Time Test Field: Physical	ASTM D2377; PWA MCL S-70; Customer provided specification	Polymers	Visual and Timer
Density Test Field: Physical	ASTM D891, ASTM D1475 PWA MCL R-29	Coatings	Pycnometer and Analytical Balance
Peel Strength Test Field: Mechanical	ASTM D903; PWA MCL S-81; Customer provided specification	Polymers	Instron

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Quality Test Field: Physical	PWA 300 / LCS F17 A-3 Table 1; Customer provided specification	Polymers, Coatings, Resins	Visual
Effects of Liquids Test Field: Physical ²	ASTM D471	Polymers	Analytical Balance

Note:

1. Nadcap accreditation for test method, AC7122-1 test code 1.1.4 for tensile and elongation to ASTM D412.
2. Nadcap accreditation for test methods, AC7122-2 as follows: test code 2.1.3 for durometer to ASTM D2240, test code 2.2.1 specific gravity to ASTM D792 and ASTM D297, test code 2.17.1 deterioration in air oven to ASTM D573 and test code 2.12.1 effects of liquids to ASTM D471 and test code 2.4.1 water absorption to ASTM D570.
3. This scope is formatted as part of a single document including Certificate of Accreditation No. AT-1912.



R. Douglas Leonard Jr., VP, PILR SBU

