CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board

500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

FMI Chemical, Inc.
4 Northwood Drive
Bloomfield CT 06002

has been assessed by ANAB
and meets the requirements of international standard

ISO/IEC 17025:2005

while demonstrating technical competence in the field of

TESTING

Refer to the accompanying Scope of Accreditation for information regarding the types of tests to which this accreditation applies.

AT-1912
Certificate Number

ANAB Approval

Certificate Valid: 12/13/2016-01/18/2019
Version No. 003 Issued: 12/13/2016

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. 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 January 2009).

ANSI-ASQ National Accreditation Board

ANAB

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

FMI Chemical, Inc.

4 Northwood Drive, Bloomfield, CT 06002
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TESTING

Valid to: January 18, 2019 Certificate Number: AT - 1912

I. Mechanical

FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	*KEY EQUIPMENT OR TECHNOLOGY
Physical[2]	Polymers	Water Absorption	ASTM D570	Analytical Balance Oven
Physical[2]	Polymers	Dry Heat Resistance	ASTM D573	Analytical Balance, Oven and Durometer
Mechanical	Polymers	Lap Shear Strength	ASTM D816 Method B, Type 1	Instron
Mechanical	Polymers	% Cohesive Failure	ASTM D816 Method B, Type 1	Instron
Physical	Polymers	% Nonvolatile Content	ASTM D2369; PWA MCL Manual Section R-2; Customer provided specification	Analytical Balance Oven
Physical	Coatings	Solid Content	ASTM D2369	Analytical Balance Oven
Physical	Polymers	Leveling	PWA 300 / LCS F17 A-3 Table 1; Customer provided specification	Visual
Physical	Polymers, Coatings	Heat Resistance	PWA 300 / LCS F17 A-3 Table 1; Customer provided specification	Visual

FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	*KEY EQUIPMENT OR TECHNOLOGY
Physical	Polymers	Specific Gravity	ASTM D1298	Hydrometer
Physical[2]	Polymers	Specific Gravity	ASTM D792, Method A; PWA MCL S-42; Customer provided specification	Analytical Balance
Physical	Polymers	Viscosity	ASTM D445	Cannon 50 Capillary Viscometer
Physical	Polymers	Viscosity	ASTM D2196; PWA MCL S-77; Customer provided specification	Brookfield Viscometer
Physical	Polymers	Corrosion	PWA 300 / LCS F17 A-3 Table 1; Customer provided specification	Visual
Physical	Coatings	Adhesion	ASTM D2510 Method B	Visual
Mechanical[1]	Polymers	Tensile Strength	ASTM D412, Die C	Instron
Mechanical[1]	Polymers	Elongation	ASTM D412, Die C	Instron
Physical[2]	Polymers	Hardness	ASTM D2240	Durometer
Physical	Resins	Hardness	ASTM D785	Rockwell Hardness Tester
Mechanical	Resins	Shear Strength	ASTM D4562; PWA 549 P 3.3.1.1; Customer provided specification	Instron
Mechanical	Resins	Locking Strength	ASTM D5649; PWA 549 P 3.3.2.1; Customer provided specification	Torque Wrench
Physical	Polymers	Flow Rate	ASTM D2202; PWA MCL S-71; Customer provided specification	Flow Rate Fixture and Timer

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FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	*KEY EQUIPMENT OR TECHNOLOGY
Physical	Polymers	Working Life	PWA 300 / LCS F17 A-3 Table 1; Customer provided specification	Visual and Timer
Physical	Polymers, Coatings, Resins	Color	PWA 300 / LCS F17 A-3 Table 1; Customer provided specification	Visual
Physical	Polymers	Extrusion Rate	PWA MCL S-71; Customer provided specification	Analytical Balance and Timer
Physical	Polymers	Tack Free Time	ASTM D2377; PWA MCL S-70; Customer provided specification	Visual and Timer
Physical	Coatings	Density	ASTM D792, ASTM D1475	Pyconometer and Analytical Balance
Mechanical	Polymers	Peel Strength	ASTM D903; PWA MCL S-81; Customer provided specification	Instron
Physical	Polymers, Coatings, Resins	Quality	PWA 300 / LCS F17 A-3 Table 1; Customer provided specification	Visual
Physical[2]	Polymers	Effects of Liquids	ASTM D471	Analytical Balance

Notes:

1. *[1] Note: Nadcap accreditation for test method, AC7122-1 test code 1.1.4 for tensile and elongation to ASTM D412.*
   [2] Note: 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 D471and test code 2.4.1 water absorption to ASTM D570.

2. *This scope is formatted as part of a single document including the Certificate of Accreditation No. AT-1912*

Vice President

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