



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

RAVAGO MANUFACTURING AMERICAS
405 Park Tower Drive
Manchester TN 37355
Brad Chatfield Phone: 931 728 7009

MECHANICAL

Valid To: September 30, 2024

Certificate Number: 1181.01

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

<u>Test:</u>	<u>Test Method(s) ¹:</u>
Impact Resistance of Notched Specimens of Plastics	ASTM D256 (Methods A); ISO 179-1; ISO 180
Specular Gloss	ASTM D523
Conditioning of Plastics for Testing	ASTM D618; ISO 291
Tensile Properties of Plastics (Excluding Poisson's Ratio)	ASTM D638 (<i>Except Section A3</i>); ISO 527-1, -2 (<i>Except Section 10.4</i>)
Deflection Temperature of Plastics under Flexural Load	ASTM D648 (Method B); ISO 75-1 -2
Determination of Melting Point	ASTM D789-94 (Withdrawn 1998)*; ISO 1218-75 (Withdrawn 1997) (Method B)*
Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials	ASTM D790; ISO 178
Specific Gravity (Relative Density) and Density of Plastics by Displacement	ASTM D792 (Method A); ISO 1183-1 (Method A)
Flow Rates of Thermoplastics by Extrusion Plastometer	ASTM D1238; ISO 1133-1 -2 (Procedure B)
Calculation of Color Differences from Instrumentally Measured Color Coordinates	ASTM D2244
Vertical Burning Characteristics (94V)	ASTM D3801
Ash Content in Thermoplastic	ASTM D5630-13 (Withdrawn 2022)* (Procedure B); ISO 3451-1 -4 (<i>Except Section 6.4</i>)

(A2LA Cert No. 1181.01) 12/21/2022

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Test:

Moisture in Plastics using Karl Fischer

DSC – Differential Scanning Calorimetry

TGA – Thermogravimetric Analysis

IR – Infrared Spectroscopy

Vicat Softening Temperature of Plastics

Determination of Moisture in Plastics by Loss in Weight

Test Method(s)¹:

ASTM D6869;
ISO 15512 (Method B2)

ISO 11357-1 -3

ISO 11358-1; ASTM E1131

ASTM E168; E1252

ASTM D1525; ISO 306

ASTM D6980

**Note: This laboratory's scope contains withdrawn methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered "historical" and not that the laboratory's accreditation for the method has been withdrawn.*

¹ When the date, edition, version, etc. is not identified in the scope of accreditation, laboratories may use the version that immediately precedes the current version for a period of one year from the date of publication of the standard measurement method, per part C., Section 1 of A2LA R101 - *General Requirements- Accreditation of ISO-IEC 17025 Laboratories.*



Accredited Laboratory

A2LA has accredited

RAVAGO MANUFACTURING AMERICAS

Manchester, TN

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 21st day of December 2022.

A blue ink signature of Mr. Trace McInturff, written over a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 1181.01
Valid to September 30, 2024

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