



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

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

MECHANICAL

Valid To: September 30, 2020

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:

Test:

Test Method(s):

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 (*Except Section A3*);
ISO 527-1, -2 (*Except Section 10.4*)

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ASTM D789-94 (Withdrawn 1998)*;
ISO 1218-75 (Withdrawn 1997)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 (Procedure B);
ISO 3451-1, -4 (*Except Section 6.4*)

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):

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**Note: This laboratory's scope contains withdrawn methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered "historical" and not that the laboratory's accreditation for the method has been withdrawn.*



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 17025:2005 *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 April 2017).



Presented this 14th day of September 2018.

A handwritten signature in black ink, written over a horizontal line.

President & CEO
For the Accreditation Council
Certificate Number 1181.01
Valid to September 30, 2020

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