



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ADVANCED COMPOSITES, INC. OHIO FACILITY – ENGINEERING

1164 S. Fourth Avenue

Sidney, OH 45365

Todd Fannin

Phone: 615 244 8994 x3212

MECHANICAL

Valid To: June 30, 2028

Certificate Number: 0749.02

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

Test Name:

Test Method(s):

Izod Pendulum Impact Resistance

ASTM D256 (Method A);
ISO 180 (Type A Notched Specimens)

Specular Gloss

ASTM D523

Conditioning Plastics for Testing

ASTM D618; ISO 291

Tensile Properties

ASTM D638 (*except A.3*); ISO 527-1, -2; ISO 37

Heat Deflection Under Load

ASTM D648 (Method B); ISO 75-1, -2

Brittleness Temperature

ASTM D746; Toyota TSM0501G

Rockwell Hardness (Scale R)

ASTM D785

Flexural Properties

ASTM D790; ISO 178

Density and Specific Gravity

ASTM D792 (Method A); ISO 1183-1 (Method A)

Melt Flow Rates of Thermoplastics

ASTM D1238; ISO 1133-1

Vicat Softening Temperature (Rate B)

ASTM D1525; ISO 306

Durometer Hardness (Shore A & D)

ASTM D2240; ISO 868

Color Measurement by Data Color, CIE,
XYZ, L-A-B, and Transmittance

ASTM D2244

Test Name:

Transition Temperatures by Differential Scanning Calorimetry

Ash Content in Thermoplastics

Linear Thermal Expansion of Solid Materials by Thermomechanical Analysis

Thermogravimetric Analysis

Charpy Impact

Determination of the Fogging Characteristics of Interior Automotive Materials

Test Method(s):

ASTM D3418; ISO 11357-1, -3

ASTM D5630 (Procedure B); ISO 3451-1 (Method A)

ASTM E831

ASTM E1131

ISO 179-1

GMW 3235; TSM 0503G-5-P-1



Accredited Laboratory

A2LA has accredited

ADVANCED COMPOSITES, INC. OHIO FACILITY – ENGINEERING

Sidney, OH

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 22nd day of June 2026.

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 0749.02
Valid to June 30, 2028

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