



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

ADVANCED COMPOSITES, INC. - OHIO FACILITY

1062 Fourth Avenue

Sidney, OH 45365

Bill Gold Phone: 937 575 9852

MECHANICAL

Valid To: September 30, 2010

Certificate Number: 0749.01

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:

<u>Test Method(s)</u>	<u>Test Name</u>
ASTM D256 (Method A); ISO 180 (1/A)	Izod Impact Resistance
ASTM D523	Specular Gloss
ASTM D618	Conditioning Plastics for Testing
ASTM D638; ISO 527	Tensile Properties
ASTM D648 (Method B); ISO 75	Heat Deflection Under Load
ASTM D746	Brittleness Temperature
ASTM D785 (Procedure A)	Rockwell Hardness (R scale)
ASTM D790; ISO 178	Flexural Properties
ASTM D792 (Method A); ISO 1183-1 (Method A)	Density and Specific Gravity
ASTM D1238 (Procedure A); ISO 1133 (Procedure A)	Melt Flow Rates of Thermoplastics
ASTM D1525; ISO 306	Vicat Softening Temperature (Rate B)
ASTM D2240; ISO 868	Durometer Hardness (Shore D)
ASTM D2244	Color Measurement by Data Color, CIE, XYZ, Lab, and Transmittance
ASTM D3418; ISO 11357-1, -3	Transition Temperatures by Differential Scanning Calorimetry
ASTM D3763	High Speed Puncture Properties
ASTM D5630 (Procedure B); ISO 3451 (Method A)	Ash Content in Thermoplastics
ASTM E831	Linear Thermal Expansion of Solid Materials by Thermomechanical Analysis
ASTM E1131	Thermogravimetric Analysis
ISO 179	Charpy Impact
GM9904P	Multi-Axial Impact Test
SAE J1885	Accelerated Exposure of Automotive Interior Trim Components Using a Controlled Irradiance Water-cooled Xenon Arc Apparatus
SAE J1960	Accelerated Exposure of Automotive Exterior Materials Using a Controlled Irradiance Water-cooled Xenon Arc Apparatus

(A2LA Cert. No. 0749.01) Revised 08/30/2010

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THE AMERICAN ASSOCIATION FOR
LABORATORY ACCREDITATION

ACCREDITED LABORATORY

A2LA has accredited

ADVANCED COMPOSITES, INC. - OHIO FACILITY
Sidney, OH

for technical competence in the field of

Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *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 18 June 2005*).

Presented this 23rd day of September 2008.



Peter Alby

President

For the Accreditation Council
Certificate Number 0749.01
Valid to September 30, 2010
Revised August 30, 2010

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