SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

MITSUBISHI CHEMICAL ADVANCED MATERIALS INC
2710 American Way
Fort Wayne, IN 46809
Mercedes Figa Phone 260 479 4380

MECHANICAL

Valid To: September 30, 2023 Certificate Number: 5837.01

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:**
ASTM D256	Determining the Izod Pendulum Impact Resistance of Plastics
ASTM D638	Tensile Properties of Plastics
ASTM D790	Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials
ASTM D792	Density and Specific Gravity (Relative Density) of Plastics by Displacement
ASTM D1505	Density of Plastics by the Density-Gradient
ASTM D3418	Transition Temperatures and Enthalpies of Fusion and Crystallization of Polymers by Differential Scanning Calorimetry
ASTM F648	Specification for Ultra-High-Molecular-Weight Polyethylene Powder and Fabricated Form for Surgical Implants
ASTM F2102	Evaluating the Extent of Oxidation in Polyethylene Fabricated Forms Intended for Surgical Implants
ASTM F2381	Evaluating Trans-Vinylene Yield in Irradiated Ultra-High Molecular Weight Polyethylene Fabricated Forms Intended for Surgical Implants by Infrared Spectroscopy
ASTM F2625	Measurement of Enthalpy of Fusion, Percent Crystallinity, and Melting Point of Ultra-High-Molecular Weight Polyethylene by Means of Differential Scanning Calorimetry

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Accredited Laboratory

A2LA has accredited

MITSUBISHI CHEMICAL ADVANCED MATERIALS INC

Fort Wayne, IN

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 20th day of August 2021.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 5837.01
Valid to September 30, 2023

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