



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

INEOS OLEFINS & POLYMERS USA  
1230 Independence Parkway South  
La Porte, TX 77571  
Fred Munoz Phone: 713 307 3713

MECHANICAL

Valid To: August 31, 2026

Certificate Number: 0306.01

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

**Tests:**

**Test Method(s):**

Izod Impact Resistance of Plastics and Electrical Insulating Materials

ASTM D256 (Method A); ISO 180

Conditioning Plastics for Testing

ASTM D618

Tensile Properties of Plastics

ASTM D638; ISO 527-1, -2

Heat Deflection Temperature

ASTM D648 (Method B); ISO 75

Rockwell Hardness (R Scale)

ASTM D785

Flexural Modulus

ASTM D790 (Method A); ISO 178

Melt Index

ASTM D1238 (Procedure B)

Vicat Softening Temperature

ASTM D1525

Environmental Stress – Cracking Resistance

ASTM D1693

Tensile Impact Energy to Break Plastics and Electrical Insulating Materials

ASTM D1822

Shore "D" Hardness

ASTM D2240

Transition Temperatures of Polymers by Thermal Analysis (DSC)

ASTM D3418

Carbon Black Content of Polyolefins

ASTM D4218

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**Tests:**

Density of Polyethylene by Ultrasound Technique

Falling Weight Impact – Gardner Method

Charpy Impact Strength of Plastics

Burning Behavior of Interior Materials

Flammability

**Test Method(s):**

ASTM D4883 (*Withdrawn 2017*)

ASTM D5420

ISO 179-1

ISO 3795

FMVSS302



## Accredited Laboratory

A2LA has accredited

**INEOS OLEFINS & POLYMERS USA**

*LaPorte, TX*

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 15<sup>th</sup> day of October 2024.

A blue ink signature of Mr. Trace McInturff.

Mr. Trace McInturff, Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 306.01  
Valid to August 31, 2026

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