



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

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

MECHANICAL

Valid To: August 31, 2016

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

**Tests:**

Density of Polyethylene by Ultrasound Technique

Falling Weight Impact - Gardner Method

Color Determination of Plastic Pellets

Yellowness and Whiteness Indices from Instrumentally Measured Color

Charpy Impact Strength of Plastics

Burning Behavior of Interior Materials

Multiaxial Impact Behavior of Rigid Plastics

Flammability

**Test Method(s):**

ASTM D4883

ASTM D5420

ASTM D6290

ASTM E313

ISO 179-1

ISO 3795

ISO 6603-2

FMVSS302





American Association for Laboratory Accreditation

## *Accredited Laboratory*

A2LA has accredited

# INEOS OLEFINS & POLYMERS USA

*La Porte, TX*

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 8 January 2009*).

Presented this 12<sup>th</sup> day of November 2014.



  
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President & CEO

For the Accreditation Council  
Certificate Number 0306.01  
Valid to August 31, 2016

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