



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EXXONMOBIL CHEMICAL  
Baytown Technology and Engineering Complex  
Products Technology Labs  
5200 Bayway Drive  
Baytown, TX 77520  
Terry Gesford Phone: 281 834 0584

MECHANICAL

Valid To: August 31, 2020

Certificate Number: 2703.01

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

<u>Test</u>	<u>Test Method(s)</u>
Izod Pendulum Impact Resistance of Plastics	ASTM D256; ISO 180
Tensile Properties of Plastics	ASTM D638; ISO 527-1, 527-2
Deflection Temperature of Plastics Under Flexural Load	ASTM D648 (Method B); ISO 75-1, 75-2
Flexural Properties of Unreinforced and Reinforced Plastics	ASTM D790; ISO 178
Melt Flow Rates of Thermoplastics by Extrusion Plastometer	ASTM D1238
Density of Plastics by the Density-Gradient Technique	ASTM D1505
Vicat Softening Temperature of Plastics	ASTM D1525; ISO 306
Environmental Stress-Cracking of Ethylene Plastics	ASTM D1693
Compression Molding Thermoplastic Materials	ASTM D4703 (Procedure C); ISO 293
Impact Resistance by Means of a Striker Impacted by a Falling Weight (Gardner Impact)	ASTM D5420
Charpy Impact Test	ISO 179-1

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<u>Test</u>	<u>Test Method(s)</u>
High Speed Puncture Properties of Plastics Using Load and Displacement Sensors	ASTM D3763
Conditioning of Plastics for Testing	ASTM D618

*The laboratory is only accredited for the test methods listed above. The accredited test methods are used in determining compliance with the material specifications listed below. The inclusion of these material specifications on this Scope does not confer laboratory accreditation to the material specifications.*

Polyethylene (PE): ASTM D1248, D3350, D4976; ISO 1872-1, -2

Polypropylene (PP): ASTM D4101, D5857; ISO 1873-1, -2

Ethylene Vinyl Acetate (EVA): ISO 4613-1, -2

Highly Crosslinked Thermoplastic Vulcanizates (HCTPVs): ASTM D6338

WITHDRAWN





## *Accredited Laboratory*

A2LA has accredited

# EXXONMOBIL CHEMICAL

*Baytown, 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 13<sup>th</sup> day of September 2018.

A handwritten signature in black ink, written over a horizontal line.

President and CEO  
For the Accreditation Council  
Certificate Number 2703.01  
Valid to August 31, 2020

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