



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

DOW CHEMICAL COMPANY  
PTAC Testing Lab  
433 Building  
Midland, MI 48667  
Brandon Weinlander Phone: 989 636 2546

MECHANICAL

Valid To: March 31, 2014

Certificate Number: 0152.01

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

<u>Test Description:</u>	<u>Test Method(s)<sup>1</sup>:</u>
Impact Resistance (Izod Impact)	ASTM D256 (A, E); ISO 180
Conditioning of Plastics for Testing	ASTM D618 (A)
Tensile Properties of Plastics	ASTM D638; ISO 527 (1, 2)
Deflection Temperature of Plastics under Flexural Load	ASTM D648 (B); ISO 75 (1, 2)
Rockwell Hardness (Scales R, L, M)	ASTM D785
Flexural Properties	ASTM D790; ISO 178
Specific Gravity and Density by Displacement	ASTM D792 (Method A)
Melt Flow Rates	ASTM D1238; ISO 1133-1, -2
Vicat Softening Temperature of Plastics, Rate B	ASTM D1525; ISO 306
Calculation of Color Differences Instrumentally Measured	ASTM D2244
Standard Test Methods for Flexible Cellular Materials	ASTM D3574 (A, B <sub>1</sub> , C, D, E, F, H, J, K)
Injection Molding	ASTM D3641
Conditioning of Polypropylene Materials	ASTM D4101
Ash Content in Thermoplastics	ASTM D5630 (B, <i>except section 14.6</i> )
Whiteness and Yellowness of Near-White Opaque Materials	ASTM E313
Determination of Charpy Impact Strength of Rigid Materials	ISO 179-1

<sup>1</sup> When the date, revision or edition of a test method standard is not identified on the scope of accreditation, the laboratory is required to be using the current version within one year of the date of publication, per part C., Section 1 of A2LA R101 - *General Requirements- Accreditation of ISO-IEC 17025 Laboratories*. If a specifier/regulator imposes a different transition period, this will supersede the A2LA one year implementation period.

Page 1 of 1



The American Association for Laboratory Accreditation

World Class Accreditation

# Accredited Laboratory

A2LA has accredited

## DOW CHEMICAL COMPANY

### PTAC Testing Lab

Midland, MI

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 29<sup>th</sup> day of March 2012.

A handwritten signature in black ink, appearing to read "Peter Abney".

President & CEO

For the Accreditation Council

Certificate Number 0152.01

Valid to March 31, 2014

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