



SCOPE OF ACCREDITATION TO ISO/IEC 17025-2005

A. SCHULMAN INC. P.T.C. / AKRON<sup>1</sup>  
1183 Home Avenue  
Akron, OH 44310  
Douglas Auckland Phone: 330 630 7120

MECHANICAL

Valid To: September 30, 2013

Certificate Number: 0415.09

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)</u>
Ash Filler Content	ASTM D5630B (Method B); ISO 3451 (Sect. 1)
Capillary Rheometer	ASTM D3835
Charpy Impact	ASTM D6110; ISO 179-1
CLTE	ASTM E831
Cold Flexibility	FLTM EU BN102-01
Conditioning of Plastics for Testing	ASTM D618
Dart Impact	ASTM D5420; ISO 6603-1; LP 463DB-14-01
Durometer Hardness (Shore A & D)	ASTM D2240; ISO 868
Flammability (Automotive)	ASTM D3801; ISO 3795
Flex Modulus	ASTM D790; ISO 178
Gas Fade	AATCC 23
Gloss (20°, 60°, 85°)	ISO 2813

(A2LA Cert. No. 0415.09) 10/18/2011

Page 1 of 3

<u>Test Description</u>	<u>Test Method(s)</u>
Fogging (Photometric Method)	SAE J1756
Heat Deflection	ASTM D648; ISO 75
Hot Air Aging	ISO2578; SAE J2236
Humidity Conditioning (12% to 90%)	ASTM D2126
Impact Resistance, Unnotched	ASTM D4812
Izod Impact	ASTM D256; ISO 180
Karl Fisher Method	ASTM D6869; ISO 760
Melt Flow Rate	ASTM D1238A (Method A); ISO 1133
Melt Point/DSC	ASTM D3418; GM 9094P
Moisture Analysis	ASTM D6980
Mold Shrinkage	ASTM D955
Multi-Axial Impact	ASTM D3763; ISO 6603-2; GM 9904P
Odor	FLTM BO 131-01
Rockwell Hardness (R Scale)	ASTM D785 (Method B)
Scratch Test	FLTM BN-108-13; GMN3943
Specific Gravity/Density	ASTM D792; ISO 1183-1 (Method A)
Tear	ASTM D624; ISO 34-1
Tensile/Elongation	ASTM D412, D638; ISO 527-1,-2
Vicat Softening	ASTM D1525; ISO 306
Yellowness Index	ASTM E313

<sup>1</sup> This accreditation covers testing performed at the main laboratory listed above and the following satellite laboratory listed below:



A. SCHULMAN INC. P.T.C /AKRON  
790 E. Tallmadge Avenue  
Akron, OH 44310

<u>Test Description</u>	<u>Test Method(s)</u>
Carbon Black Content	ASTM D1603
Charpy Impact	ISO 179
Conditioning of Plastics for Testing	ASTM D618
Dart Impact	GM 9300P
Flex Modulus	ASTM D790; ISO 178
Heat Deflection	ASTM D648; ISO 75
Izod Impact	ASTM D256; ISO 180
Melt Flow Rate	ASTM D1238 (Method A); ISO 1133
Moisture Analysis	ASTM D6980
Specific Gravity/Density	ASTM D792; ISO 1183-1 (Method A)
Tensile/Elongation	ASTM D638; ISO 527
Vicat	ASTM D1525 (Method A)





The American Association for Laboratory Accreditation

World Class Accreditation

# *Accredited Laboratory*

A2LA has accredited

**A. SCHULMAN INC. P.T.C. / AKRON**

*Akron, OH*

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 18<sup>th</sup> day of October 2011.



  
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Peter Meyer

President & CEO  
For the Accreditation Council  
Certificate Number 0415.09  
Valid to September 30, 2013

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