



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

POLYMER DIAGNOSTICS INC.
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Avon Lake, OH 44012
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CHEMICAL

Valid To: September 30, 2017

Certificate Number: 0514.02

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

<u>Test Description</u>	<u>Test Method or Standard</u>
FTIR (Fourier Transform Infrared) Spectroscopy	ASTM E1252(Except 7.6, 11.2, and 11.4)
Flammability	
Horizontal Burn of Self-Supporting Plastics	ASTM D635; UL 94; IEC 60695-11-10
Horizontal Burn of Materials Used in Occupant Compartments of Motor Vehicles	ASTM D5132; FMVSS 302 (49 CFR 571.302)
Vertical Burn, 20 mm	ASTM D3801; UL 94; IEC 60695-11-10
Vertical Burn, 125 mm	ASTM D5048; UL 94; IEC 60695-11-20
Oxygen Index	ASTM D2863
FT1 Flame Test	UL1581, Clause 1060; UL2556/CSA C22.2 No 2556, Clause 9.3
Cable Flame Test	UL1581, Clause 1061
VW1 Flame Test	UL1581, Clause 1080; UL2556/CSA C22.2 No 2556, Clause 9.4
FT2/FH Flame Test	UL1581, Clause 1100; UL2556/CSA C22.2 No 2556, Clause 9.1
FV-1 Flame Test	UL1581, Clause 1060; UL2556/CSA C22.2 No 2556, Clause 9.5
Thin Material Burning Test	UL-94
Glow Wire Test	IEC 60695 2-10, 2-11, 2-12, 2-13
Plasticizer in Flexible PVC	PDI RPLC-01

Test Description

Test Method or Standard

RVCM in PVC

ASTM D4443

Thermal Analysis

DSC (Differential Scanning Calorimetry)

ASTM D3418, E794, E1356

TGA (Thermogravimetric Analysis)

ASTM E1131

Karl Fischer Moisture Content

ASTM D6869

Phthalate Determination by CPSIA

CPSC-CH-C1001-09.3





Accredited Laboratory

A2LA has accredited

POLYMER DIAGNOSTICS INC.

Avon Lake, OH

for technical competence in the field of

Chemical 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 11th day of December 2015.

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

President and CEO
For the Accreditation Council
Certificate Number 0514.02
Valid to September 30, 2017
Revised December 1, 2016

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