



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

POLYMER DIAGNOSTICS INC.
33587 Walker Road
Avon Lake, OH 44012
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CHEMICAL

Valid To: September 30, 2013

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 D2124
Flammability	
Horizontal Burn of Self-Supporting Plastics	ASTM D635; UL 94
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
Vertical Burn, 125 mm	ASTM D5048; UL 9
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
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



World Class Accreditation

The American Association for Laboratory Accreditation

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 20th day of December 2011.





Peter Abney

President & CEO
For the Accreditation Council
Certificate Number 0514.02
Valid to September 30, 2013

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