



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 18 June 2005*).



Presented this 29th day of January 2008.

A handwritten signature in cursive script, reading "Peter Abney".

President

For the Accreditation Council

Certificate Number 0514.02

Valid to February 28, 2010

REVISED January 29, 2010

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

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

POLYMER DIAGNOSTICS INC.
33587 Walker Road
Avon Lake, OH 44012
Robert A. Mansfield, Jr. Phone: 440 930 1720

CHEMICAL

Valid To: February 28, 2010

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 94HB
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 94V
Vertical Burn, 125 mm	ASTM D5048; UL 945V
Oxygen Index	ASTM D2863
High Performance Size Exclusion Chromatography	ASTM D5296
Plasticizer in Flexible PVC	PDI RPLC-01
Pyrolysis ID Rubbers	ASTM D3452; PDI GCMS-02
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
Determination of Lead by ICP	16 CFR 1303 (Using ASTM E1613)