



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

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

Valid To: September 30, 2023

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:

Test Description:

Test Method or Standard:

Analysis of Volatile Contaminants from Polymers
(Chromatography)

VDA 277

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);
ISO 3785

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

RVCM in PVC

ASTM D4443

Thermal Analysis

DSC (Differential Scanning Calorimetry)

ASTM D3418, E794, E1356

Test Description:

Test Method or Standard:

Thermal Analysis (cont'd)

TGA (Thermogravimetric Analysis)
TMA (Linear Thermal Expansion of Solid
Materials by Thermomechanical Analysis)

ASTM E1131
ASTM E831; ISO 11359-2

Karl Fischer Moisture Content

ASTM D6869

Phthalate Determination by CPSIA

CPSC-CH-C1001-09.3, CPSC-CH-C1001-09.4

¹ The Consumer Product Safety Improvement Act (CPSIA) requires that every children's product subject to a federal consumer product safety requirement be tested by a Consumer Product Safety Commission (CPSC) accepted laboratory for compliance with the applicable federal children's product safety requirements. Accreditation by A2LA does not infer acceptance by the CPSC. Please verify this organization's acceptance status by using the CPSC's searchable database, located at <http://www.cpsc.gov/cgi-bin/labsearch/>.





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 17025:2017 *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 April 2017).



Presented this 22nd day of February 2022.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 0514.02
Valid to September 30, 2023

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