THE AMERICAN ASSOCIATION FOR LABORATORY ACCREDITATION

ACCREDITED LABORATORY

A2LA has accredited

RHETECH, INC.

Whitmore Lake, MI

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 29th day of June 2009.

President and CEO
For the Accreditation Council
Certificate Number 0874.01
Valid to May 31, 2011

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

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

RHETECH, INC.
1500 E. North Territorial Road
Whitmore Lake, MI 48189
Jay Tower Phone: 734 769 0585

MECHANICAL

Valid To: May 31, 2011 Certificate Number: 0874.01

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

Test	**Test Method(s)**
Accelerated Weathering with Xenon Arc- Exterior	SAE J1960
Accelerated Weathering with Xenon Arc- Interior	SAE J1885
Ash Content and Loss on Ignition	ASTM D2584, D5630(B) ISO 1172(A), 3451-1(A)
Capillary Rheometer	ASTM D3835
Charpy Impact Strength	ISO 179
Conditioning of Plastics	ASTM D618
Density and Specific Gravity	ASTM D792(A) ISO 1183-1(A)
Differential Scanning Calorimetry (DSC)	
Melt Temperature, Heat of Fusion, Crystallization Temperature	ASTM E793, E794 GM 9094P ISO 11357(1,2,3)
Oxidative Induction Time (OIT)	ASTM D3895
Specific Heat	ASTM E1269
Transition Temperature	ASTM D3418

Test	Test Method(s)
Drop Dart - Impact Strength	GM9032P
Durometer Hardness (Shore D)	ASTM D2240 ISO 868
Dynamic Mechanical Analyzer (DMA) CLTE	ASTM E831
Flammability - Horizontal and Vertical	ASTM D635, D3801 FMVSS302 GM9070P ISO 3795 SAE J369 UL 94HB, 94 V-0,1,2
Flexural Properties	ASTM D790 ISO 178
Fourier Transform Infrared Spectroscopy (FTIR)	ASTM E1252
Gardner Impact Resistance	ASTM D5420
Heat Ageing	ISO 188 (A)
Heat Deflection Temperature	ASTM D648 (B) ISO 75 (1&2)
High - Speed Puncture Properties - Multi - Axial Impact	ASTM D3763 GM 9300P, 9904P ISO 6603-2
Impact Resistance - Notched/Reversed Izod	ASTM D256 (A&E) ISO 180
Instrumental Color Differences (CIELAB)	ASTM E1331 GM9741P SAE J1545
Melt Flow Rate	ASTM D1238 (B) ISO 1133
Moisture Content	ASTM D280 (A)
Mold Shrinkage	ASTM D955 ISO 294-4

Test	**Test Method(s)**
Scratch Resistance	BN 108-13 (Visual) LP-463DD-18-01(A) GMN 3943 (except sec. 6 method B)
Specular Gloss	ASTM D523
Stress Mark Susceptibility	GM9302P
Tear Strength	ASTM D624
Tensile and Elongation Properties	ASTM D638 ISO 527 (1&2)
Thermal Oxidative Stability	ASTM D3012
Thermogravimetric Analyzer (TGA) General Principles/Compositional Analysis	ASTM E1131 ISO 11358
Unnotched Izod Impact Resistance	ASTM D4812
Vicat Softening Temperature	ASTM D1525 ISO 306
Visual Evaluation of Color	ASTM D1729 SAE J361
Whiteness Index	ASTM E313
Yellowness Index	ASTM E313