



THE AMERICAN ASSOCIATION FOR
LABORATORY ACCREDITATION

ACCREDITED LABORATORY

A2LA has accredited

GROUP DEKKO TECHNICAL CENTER

La Otto, IN

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 18 June 2005*).



Presented this 31st day of January 2009.

A handwritten signature in cursive script, appearing to read "Peter Abney".

President
For the Accreditation Council
Certificate Number: 766.03
Valid to: October 31, 2010

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

GROUP DEKKO TECHNICAL CENTER
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MECHANICAL

Valid To: October 31, 2010

Certificate Number: 0766.03

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on the following types of materials and products: Adhesives & sealants, plastics & polymers, rubber & rubber products, paints & coatings, wire & electrical products:

Plastics/Polymer & Material Testing

Tensile: Up to 6500 lb
Elongation: 1 % to 700 %
Stress/Strain using Compression and tension
Brittleness Temperature
Relative Thermal Indexing (RTI): Up to 325 °C as specified by UL 746B
Flammability (Vertical, Horizontal Burn)
Melt Flow & other Rheology (Apparent & Intrinsic Viscosity by ACR)
Effect of Liquids, Chemical Resistance
Adhesion
Density/Specific Gravity

Environmental Simulation

Temperature Exposure: (-60 °C to 325 °C)
Humidity: (10 % to 95 %) ± 5 %
Oven Aging: 325 °C
Salt Spray/Corrosion
Thermal Shock: (-60 °C to 200 °C)
UV Exposure

Vibration Test

Swept-Sine; (20 to 7500) Hz; 100 force-pounds; 118 g's max

Plastics / Polymer & Material Testing

<u>Test</u>	<u>Test Method</u>
Abrasion	SAE J1128 Section 6.10
Adhesion	GM 9071P-Method B; ASTM D1000, D1876
Density/Specific Gravity	ASTM D792 Method A
Environmental Simulation	ASTM: B117, D471(except sections 15 & 16), D1183, D2247, D4329, D4587, G154;
Hardness	ASTM: D2240 Shore D; D3363
Rheology & Melt Flow	ASTM: D1238, D1939-94, D3835; ISO: 1133; GM 9301- Method 1
Hot-Wire Ignition	ASTM D3874
Tear strength	ASTM: D1004, D1938
Tensile and Elongation	ASTM: D638, D882; ISO: 527-1, 527-2
Water Absorption	ISO 62; ASTM D570
Sample Conditioning	ASTM D-618
Freight Containers – Mechanical Security Seals	ISO/PAS 17712, ASTM F1157

UL Product Category

<u>Test</u>	<u>Test Method</u>
Extruded insulated tubing	UL 224 (<i>Except penetration test</i>)

Automotive Wire & Cable:

<u>Test</u>	<u>Test Method</u>
Thickness of Solid Electrical Insulation	ASTM D374 Methods A & B
Unscreened, Low Tension Cables	ISO 6722-1 (<i>Except impact, scrape abrasion and durability</i>)
Battery Cable	SAE J-1127 (<i>Except Ozone Resistance, Strand Coating and Mechanical Properties</i>)
Low Tension Primary Cable	SAE J-1128 (<i>Except Ozone Resistance, Pinch Resistance Test, Strand Coating and Mechanical Properties</i>),)

Chrysler Standards

Plastics Electrical Primary Insulation	MSDC-16 (<i>Except Heat Aged Properties</i>)
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Ford Standards

<u>Test</u>	<u>Test Method</u>
Cable, Compression At High Temperature	FLTM BB 101-14
Cable, Flame Propagation	FLTM BB 101-16
Cable, Flexibility At Low Temperature	FLTM BB 101-17 Method A

Tubing Test:

<u>Test</u>	<u>Test Method</u>
Test Methods For PTFE Tubing	ASTM D1675

Vibration:

<u>Test</u>	<u>Test Method</u>
Swept-Sine (10 – 7500 Hz, 100 lbs. Force, 118 G Max.)	DTC 19

Also, using the above methods and Customer supplied test methods directly related to the capabilities listed above.