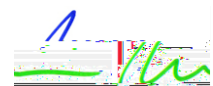


SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ELEMENT MATERIALS TECHNOLOGY BALTIMORE
5 North Park Drive
Hunt Valley, MD 21030
Mrs. Sarah D. Brammer Phone: 410 584 9099

MECHANICAL

Valid To:



Test Technology:

Hardness
(Pencil, Shore A, Shore D, Shore O, Knoop,
Vickers, Barcol Hardness)

Corrosion of Flux using Temperature/Humidity
Chamber 606.12 261 38.039 reW nBT11.04

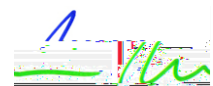
Hydrolytic Stability/Temperature/Humidity Aging

Test Method(s)¹:

ASTM D3363; ASTM D2240;
ASTM E92; ASTM E384;
ASTM D2583; IPC-TM-650 (Method 2.4.27.2)

IPC-TM-650 (Method 2.6.15)
IPC-TM-650 (Method 2.6.15)

IPC-TM



Test Technology:

Test Method(s)¹:

Instrumental Color Difference Measurements for Exterior Finishes, Textiles, and Colored Trim

SAE J1545;
ASTM D2244

Dry and Pry/Dye and Pull

IPC-TM-650 (Method 2.4.53)

Supporting the following documents: IPC-SM-840, IPC-CC-830, IPC-6012, IPC-6013, IPC-6018, MIL-A-28870, MIL-I-46058, MIL-P-50884, MIL-PRF-31032, MIL-PRF-55110, IPC-J-STD-004, IPC-J-STD-005

This laboratory also uses customer supplied specifications and/or methods directly related to the testing technologies and parameters listed above.

Facility studies performed according to IPC-QL-653 “Certification of Facilities that Inspect/Test Printed Boards, Components and Materials.”

¹ When the date, edition, version, etc. is not identified in the scope of accreditation, laboratories may use the version that immediately precedes the current version for a period of one year from the date of publication of the standard measurement method, per part C., Section 1 of A2LA *R101 - General Requirements- Accreditation of ISO-IEC 17025 Laboratories*.

² In-house Test Method.

³ This laboratory’s scope contains withdrawn or superseded methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered “historical” and not that the laboratory’s accreditation for the method has been withdrawn.



A2LA has accredited

ELEMENT MATERIALS TECHNOLOGY BALTIMORE

Mb

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 5th day of .

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