ATLAS MATERIAL TESTING SOLUTIONS / AMETEK®

**NEW SESSIONS:**

# 30-Minute Expertise

Atlas now offers a series of quick, 30-minute online sessions focusing on answers to customers' specific questions. See and register from our list of complimentary webinar excerpts below.


## How to calculate test durations?

Have you wondered "How long should I run a test in a Weather-Ometer to simulate one year Florida?" or "How long should I test to achieve 6 GJ/m²?" Join Atlas experts to help you calculate test durations for common test methods, including ISO 4892-2, SAE J2527 and ASTM D7869 — and determine limitations.

**Wednesday, July 9**
14:00 UTC
16:00 CEST (Berlin)
9:00 am CDT (Chicago)
7:00 am PDT (Seattle)

Register

**Tuesday July 22**
7:00 UTC
9:00 CEST (Berlin)
15:00 CnST (Beijing)
12:30 IST (Mumbai)

Register


# How to achieve good correlation?

Correlation to real world performance is one of the key targets of accelerated weathering testing. You expect the same ageing behavior and the same ranking of polymer and coating performance as under natural conditions — but this is not always the case. Learn approaches and measures which can help to achieve good correlation.

**Tuesday, September 2**
16:00 UTC
18:00 CEST (Berlin)
11:00 am CDT (Chicago)
9:00 am PDT (Seattle)

Register

**Thursday, September 18**
14:00 UTC
16:00 CEST (Berlin)
9:00 am CDT (Chicago)
7:00 am PDT (Seattle)

Register


# How to achieve acceleration in weathering?

Materials and products are affected by weather over time. This affect leads to undesired changes in appearance and function, ultimately resulting in product failure. Accelerated weathering tests aim to determine the product's lifespan in a shorter period by compressing or intensifying the impact of weather factors on the samples. Join our online seminar to explore options for accelerating weathering tests and understanding their limitations.

**Monday, July 28**
14:00 UTC
16:00 CEST (Berlin)
9:00 am CDT (Chicago)
7:00 am PDT (Seattle)

Register

**Thursday, August 7**
7:00 UTC
9:00 CEST (Berlin)
15:00 CnST (Beijing)
12:30 IST (Mumbai)

Register


# How to test according to ISO 105-B02?

Lightfastness (or colorfastness to light) testing of textiles according to ISO 105-B02 is one of the most applied test methods for Xenon-arc instruments. This seminar explains the different methods and conditions in the standard and how lightfastness ratings can be assigned to the tested fabrics.

**Thursday, August 14**
7:00 UTC
9:00 CEST (Berlin)
15:00 CnST (Beijing)
12:30 IST (Mumbai)

Register

**Tuesday, August 21**
14:00 UTC
16:00 CEST (Berlin)
9:00 am CDT (Chicago)
7:00 am PDT (Seattle)

Register


# How to test Leisure & Sporting Goods?

Discover the secrets to ensuring your products maintain their appearance and performance in a variety of environmental conditions. Learn about essential weathering tests using xenon-arc instruments. Tests that go beyond basic UV exposure and combine sunlight, heat and water to reveal product durability.

**Tuesday, August 19**
7:00 UTC
9:00 CEST (Berlin)
15:00 CnST (Beijing)
12:30 IST (Mumbai)

Register

**Thursday, September 4**
14:00 UTC
16:00 CEST (Berlin)
9:00 am CDT (Chicago)
7:00 am PDT (Seattle)

Register


# How to test according to ISO 105-B06?

Hot-light fastness testing is an important test method for automotive interior materials. Atlas experts address how testing can be done according to ISO 105-B06 and how to avoid mistakes during testing.

**Thursday, October 9**
14:00 UTC
16:00 CEST (Berlin)
9:00 am CDT (Chicago)
7:00 am PDT (Seattle)

Register

**Tuesday, October 14**
7:00 UTC
9:00 CEST (Berlin)
15:00 CnST (Beijing)
12:30 IST (Mumbai)

Register


# How to test according to ASTM D7869?

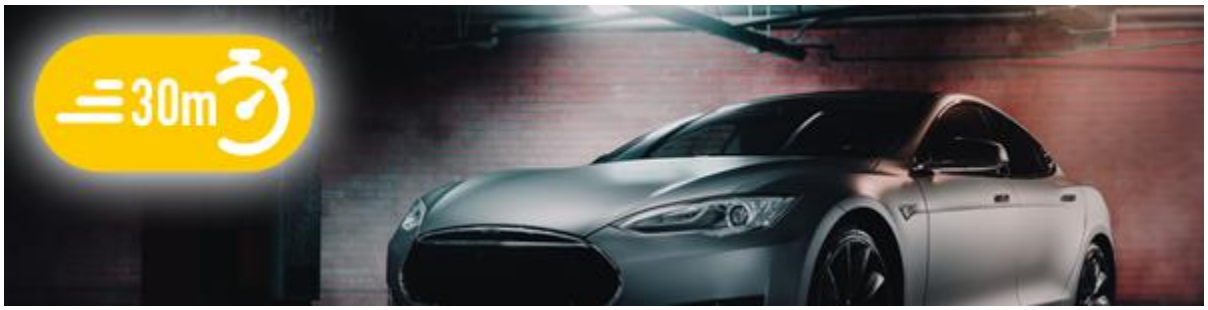
ASTM D7869 was developed for the automotive and aerospace transportation industries for testing exterior materials — primarily coatings — with accelerated xenon weathering devices. We outline differences from existing test methods for the same application, and give guidance on properly configuring your device and validating performance.

**Thursday, July 17**
14:00 UTC
16:00 CEST (Berlin)
9:00 am CDT (Chicago)
7:00 am PDT (Seattle)

Register

**Tuesday, August 5**
16:00 UTC
18:00 CEST (Berlin)
11:00 am CDT (Chicago)
9:00 am PDT (Seattle)

Register




# How to test according to SAE J2527?

For over 35 years, SAE J2527 has served as one of the primary tools for accelerated xenon-arc weathering of materials for exterior applications. This seminar outlines the options within this standard, and gives guidance on properly configuring your device and validating correct performance.

**Thursday, August 28**
14:00 UTC
16:00 CEST (Berlin)
9:00 am CDT (Chicago)
7:00 am PDT (Seattle)

Register

**Tuesday, September 9**
16:00 UTC
18:00 CEST (Berlin)
11:00 am CDT (Chicago)
9:00 am PDT (Seattle)

Register


# How to follow the SAE J2413 Uniformity Protocol?

SAE J2413 serves as a valuable tool for users considering testing device options when compared to legacy test instruments. The protocol was initially developed by the automotive industry to validate new instruments to perform the traditional xenon automotive methods.

**Tuesday, September 23**
16:00 UTC
18:00 CEST (Berlin)
11:00 am CDT (Chicago)
9:00 am PDT (Seattle)

Register

**Thursday, October 2**
14:00 UTC
16:00 CEST (Berlin)
9:00 am CDT (Chicago)
7:00 am PDT (Seattle)

Register