

Laboratory Accelerated Weathering Order Form

Date Submitted

Company Name

Primary Contact Name

Alternate Contact Name

Shipping Address

City State Zip Code Country

Phone Fax E-mail Address

Billing Address (if different)

Purchase Order Number

Invoice E-mail Address

Return Shipping Carrier: UPS Federal Express Yellow Freight Other

A PURCHASE ORDER OR CREDIT CARD MUST BE ON FILE AT THE START OF EACH TEST

Governing Standard (Please specify Standard Practice or Specification to be followed, AATCC, ASTM, FORD, GM, ISO, SAE, etc.)

Number of Specimens: Specimen Size: Specimen Codes:

Side to Light Source: Coded Uncoded Other

Special Instructions:

Specimens of irregular sizes and shapes may not fit into a standard specimen holder and/or receive an uneven exposure throughout the exposed area of the specimen. I understand that irregular shaped specimens or specimens that do not fit in a standard specimen holder may receive an uneven exposure. The specimens may be cut to fit a standard specimen holder (call for standard specimen holder sizes).

Authorization to Perform Test:

Client Signature: _____ Date: _____

Exposure Device:

Atlas Xenon Arc Weather-Ometer® (Water Cooled)

Filter Combination:

Irradiance Level:

Radiant Exposure: kJ/m²@ nm

Exposure Time:

Cam Number/Cycle Program:

Reference Materials Required:

Black Panel Temperature: Light Cycle Dark Cycle

Dry Bulb Temperature: Light Cycle Dark Cycle

Relative Humidity: Light Cycle Dark Cycle

Suntest CPS+/XLS+ (Air Cooled)

Program Cycle:
Irradiance Level: MAX MIN Other
Black Standard Temperature:
Filter Combination:
Exposure Time:

Suntest XXL+ (Air Cooled)

Program Cycle:
Irradiance Intensity:
Black Standard Temperature:
Chamber Temperature:
Relative Humidity:
Filter Combination:
Exposure Time:

Open Flame (Sunshine) Carbon Arc Weather-Ometer®

Filters: Corex None Other:
Exposure Time:
Cam Number/Cycle Program:
Black Panel Temperature: Light Cycle Dark Cycle
Dry Bulb Temperature: Light Cycle Dark Cycle
Relative Humidity: Light Cycle Dark Cycle

Single Enclosed Carbon Arc Weather-Ometer® **Twin Enclosed Carbon Arc Weather-Ometer®**

Filters: 9200 PX (PYREX) Other:
Exposure Time: Specimen Rotation:
Cam Number/Cycle Program:
Black Panel Temperature: Light Cycle Dark Cycle
Dry Bulb Temperature: Light Cycle Dark Cycle
Relative Humidity: Light Cycle Dark Cycle

Fluorescent UV/Condensation Device

Exposure Time:
Lamp Type: UVA 340 UVA 351 UVB 313
Black Panel Temperature: UV Cycle Condensation Cycle
Cam Number/Cycle Program:
Exposure Time:

Salt Fog Chamber

Bubble Tower Temperature:
Chamber Temperature:
Exposure time/Cycles:

Cyclic Salt Fog Chamber

Bubble Tower Temperature:
Chamber Temperature:
Cycle:
Salt solution type:
Exposure time/Cycle:

Ship To: ATLAS WEATHERING SERVICES GROUP

Attn: Accelerated Laboratory
1500 Bishop Ct.
Mount Prospect, IL 60056
Phone: 773-327-4520 Fax: 773-327-5787

Metal Halide Solar Simulation Chamber

Filter Combination: Window Glass None

Irradiance Level:

Exposure Time:

Cycle Program:

Black Panel/Standard Temperature:

Chamber Temperature:

Relative Humidity:

Exposure Time:

Ship To: ATLAS WEATHERING SERVICES GROUP

DSET Laboratories

45601 N. 47th Avenue

Phoenix, AZ 85087-7042

Phone: 623-465-7356

Fax: 623-465-9409

Evaluation Services

Type of Service	Initial	Weekly	Monthly	Final	Radiation	Other (please specify)
<input type="checkbox"/> Washing	<input type="checkbox"/>					
<input type="checkbox"/> Visual Inspection	<input type="checkbox"/>					
<input type="checkbox"/> Instrumental Color	<input type="checkbox"/>					
<input type="checkbox"/> Instrumental Gloss	<input type="checkbox"/>					
<input type="checkbox"/> Film Thickness	<input type="checkbox"/>					
<input type="checkbox"/> Distinctness of Image	<input type="checkbox"/>					
<input type="checkbox"/> Optical Properties	<input type="checkbox"/>					
<input type="checkbox"/> Photography	<input type="checkbox"/>					
<input type="checkbox"/> Temperature Monitoring	<input type="checkbox"/>					

Washing Type: A (DI Water) B (Mild Detergent) C (Wash with Polish) Field Rinse
 Area: Entire Surface Top Bottom Right Side Left Side Other

Visual Inspection
 AATCC Grey Scale (control specimens mandatory) Blistering (ASTM D714) Cracking (ASTM D661)
 Checking (ASTM D660) Chalking (ASTM D4214 Method- A-cloth B-wet finger C-tape, reflectance D-tape, TNO)
 Visual Color (ASTM D1729) Mildew/Dirt Retention (ASTM D3274) Tape Adhesion (ASTM D3359) A B
 Other (Special Instructions/Specific Degradation Interest):

Instrumental Color Color Space: CIELAB Hunter L,a,b CIE X,Y,Z Other
 Illuminant: D65 C A Other
 Observer: 10° 2°
 Geometry: 0/45 Sphere **Specular Component:** Included Excluded

Instrumental Gloss Geometry: 20° 60° 85°

Optical Properties Transmittance: UV Visible NIR Solar
 Reflectance: UV Visible NIR Solar
 Total Emittance
 Haze Clarity Shading Coefficient

Photography Digital 35mm

Specimen Temperature Monitoring

Thermocouple Type: T-Type Client Provided

Number of Thermocouples:

Data Collection Reporting Parameters: Hourly (Max Min Avg) Daily (Max Min Avg) Other

Location of Thermocouple Installation: