

QUV 紫外光加速老化试验机测试标准

AAMA 624

Voluntary Specification, Performance Requirements and Test Procedures for High Performance Organic Coatings on Fiber Reinforced Thermoset Profiles

This specification describes test procedures and performance requirements for high performance, organic, coatings applied to fiber reinforced thermoset profiles for windows, doors and similar products.

AAMA 624

纤维增强热固性型材上的高性能有机涂层的推荐规格、性能要求和测试程序

本规范描述了高性能有机涂料的测试程序和性能要求，这类涂料应用于纤维增强热固性型材（窗、门和类似的产品）。

AATCC TM186

Weather Resistance: UV Light and Moisture Exposure

This test method provides a procedure for the exposure of textile materials of all kinds, including coated fabrics and products made thereof, in a laboratory artificial weathering exposure apparatus employing fluorescent UV lamps as a light source and using condensing humidity and/ or water spray for wetting.

AATCC TM186

耐候性 紫外线和潮湿曝露测试

本测试方法提供了各类纺织品材料（包括涂层织物和由其制造的产品）曝露测试的程序。测试采用实验室人工老化曝露装置，用荧光紫外灯管作为光源，使用冷凝加湿和/或喷淋加湿。

ASTM C1257

Standard Test Method for Accelerated Weathering of Solvent-Release-Type Sealants

This test method includes two laboratory accelerated exposure procedures for predicting the effects of ultraviolet or ultraviolet/visible radiation, heat, and moisture on color, chalking, cracking, and adhesion of solvent-release sealants.

ASTM C1257

溶剂释放型密封剂加速老化的标准测试方法

该测试方法包括两个实验室加速暴露测试程序，用于预测紫外线或紫外线/可见光辐射、热量和湿气对溶剂释放型密封剂的颜色、粉化、开裂和附着力的影响。

ASTM C1442

Practice for Conducting Tests on Sealants Using Artificial Weathering Apparatus

This practice covers three types of laboratory weathering exposure procedures for evaluating the effect of actinic radiation, heat, and moisture on sealants.

ASTM C1442

使用人工老化设备对密封剂进行测试的方法

本测试方法包括三种实验室加速老化曝露程序，评估太阳光辐射、热和潮湿对密封剂的影响。

ASTM C1501

Standard Test Method for Color Stability of Building Construction Sealants as Determined by Laboratory Accelerated Weathering Procedures



This test method describes laboratory accelerated weathering procedures using either fluorescent ultraviolet or xenon arc test devices for determining the color stability of building construction sealants.

ASTM C1501

实验室加速老化程序评估建筑结构密封胶色牢度的标准测试方法

本测试方法描述了使用荧光紫外线或氙灯测试设备测定建筑结构密封胶色牢度的实验室加速老化程序。

ASTM C1519

Standard Test Method for Evaluating Durability of Building Construction Sealants by Laboratory Accelerated Weathering Procedures

This test method covers the method for the determination of the durability of a sealant based on its ability to function in cyclic movement maintaining adhesion and cohesion after repeated exposure to laboratory accelerated weathering procedures.

ASTM C1519

实验室加速老化对建筑结构密封胶耐候性评估的标准测试方法

该测试方法是密封胶耐候性的测定方法，是基于在依据实验室加速老化程序反复暴露后，密封胶在循环运动中保持粘连和凝聚的能力来制定的。

ASTM C732

Standard Test Method for Aging Effects of Artificial Weathering on Latex Sealants

This test method covers a laboratory procedure for the determination of aging effects of artificial weathering on latex sealants.

ASTM C732

乳胶密封胶人工老化试验效果的标准测试方法

该测试方法规定了测定人工老化乳胶密封胶老化效果的实验室程序。

ASTM C734

Standard Test Method for Low-Temperature Flexibility of Latex Sealants After Artificial Weathering

This test method covers a laboratory procedure for the determination of low-temperature flexibility of latex sealants after 500 h artificial weathering.

ASTM C734

人工老化后乳胶密封胶的低温弹性的标准测试方法

该测试方法规定了人工老化测试 500 小时后乳胶密封胶低温弹性的实验室程序。

ASTM C793

Standard Test Method for Effects of Laboratory Accelerated Weathering on Elastomeric Joint Sealants

This test method covers a laboratory procedure for determining the effects of accelerated weathering on cured-in-place elastomeric joint sealants (single- and multi-component) for use in building construction.

ASTM C793

弹性接缝密封胶实验室加速老化效果的标准测试方法

该测试方法包括了密封胶耐候性的测定，通过将密封胶经依据实验室加速老化程序反复暴露后，评价其在周期运动中保持粘合力 and 附着力。

ASTM D1148

Standard Test Method for Rubber Deterioration-Discoloration from Ultraviolet (UV) and Heat Exposure of Light-Colored Surfaces

This test method covers techniques to evaluate the surface discoloration of white or light-colored vulcanized rubber that may occur when subjected to UV or UV/visible exposure from specified sources under controlled conditions of relative humidity, or moisture, and temperature.

ASTM D1148

橡胶老化的标准测试方法—由紫外线（UV）和热曝露引起的浅色表面的变色

本测试方法规定了白色或浅色硫化橡胶表面变色的评估技术，受到指定来源的紫外线或紫外线/可见光照射，在受控的相对湿度或湿气及温度条件下，就有可能发生变色。

ASTM D1670

Standard Test Method for Failure End Point in Accelerated and Outdoor Weathering of Bituminous Materials

This test method covers the use of a spark generating apparatus for determination of failure due to cracking of bituminous materials undergoing accelerated or outdoor weathering on electrically conductive backings.

ASTM D1670

沥青材料加速和户外老化失效终点的标准测试方法

该测试方法规定了使用火花发生装置测定在导电底材上经加速或户外老化沥青材料的开裂失效。

ASTM D3424

Standard Practice for Evaluating the Relative Lightfastness and Weatherability of Printed Matter

This standard describes procedures for the determination of the relative lightfastness and weatherability of printed matter under the following conditions, which involve exposure to natural daylight or accelerated procedures in the laboratory.

ASTM D3424

印刷品相对日晒色牢度和耐候性评估的标准测试方法

这个标准描述了印刷品在下列情况下相对日晒色牢度和耐候性的评估程序，涉及自然光曝露测试程序或实验室加速曝露测试程序。

ASTM D3451

Standard Guide for Testing Coating Powders and Powder Coatings

This guide covers the selection and use of procedures for testing coating powders and powder coatings. The test methods included are listed in Table 1. Where more than one test method is listed for the same characteristic, no attempt is made to indicate superiority of one method over another. Selection of the methods to be followed must be governed by experience and the requirements in each individual case, together with agreement between the purchaser and the seller.

ASTM D3451

涂料粉末和粉末涂料测试的标准指南

本指南规定了涂料粉末和粉末涂料测试的选择和使用程序。测试方法已列于其中 Table 1。对于某一特征，如果列出一个以上的测试方法，说明方法之间没有哪个更适合。必须根据经验和每个案例的要求，以及买方和卖方之间的协议选择要遵循的方法。

ASTM D4101

Standard Specification for Polypropylene Injection and Extrusion Materials

This specification covers polypropylene materials suitable for injection molding and extrusion. Polymers consist of homopolymer, copolymers, and elastomer compounded with or without the addition of impact modifiers (ethylene-propylene rubber, polyisobutylene rubber, and butyl rubber), colorants, stabilizers, lubricants, or reinforcements.

ASTM D4101

聚丙烯注塑和挤出材料的标准规范

本规范规定了聚丙烯材料的注塑成型和挤出。聚合物包括均聚物、共聚物及复合弹性体（加或不加聚异丁烯橡胶、乙丙橡胶、丁基橡胶等冲击改性剂），还有色素、稳定剂、润滑剂或增强剂。

ASTM D4329

Standard Practice for Fluorescent UV Exposure of Plastics

This practice covers specific procedures and test conditions that are applicable for fluorescent UV exposure of plastics conducted in accordance with Practices G151 and G154.

ASTM D4329

塑料荧光紫外线暴露测试的标准测试方法

本测试方法规定了依照 G151 和 G154 测试方法对塑料进行荧光紫外线暴露测试的具体程序和测试条件。

ASTM D4434

Standard Specification for Poly(Vinyl Chloride) Sheet Roofing

This specification covers flexible sheet made from poly(vinyl chloride) resin as the primary polymer intended for use in single-ply roofing membranes exposed to the weather.

ASTM D4434

聚氯乙烯屋面薄板的标准规范

本规范规定了拟用于单层屋顶薄膜的、用聚氯乙烯树脂作为初级聚合物而制造的柔性薄板空气暴露测试程序。

ASTM D4587

Standard Practice for Fluorescent UV-Condensation Exposures of Paint and Related Coatings

This practice covers the selection of test conditions for accelerated exposure testing of coatings and related products in fluorescent UV and condensation devices conducted according to Practices G151 and G154.

ASTM D4587

油漆及相关涂料荧光紫外线暴露测试的标准测试方法

本测试方法规定了油漆及相关涂料在荧光紫外线和冷凝装置中根据 G151 和 G154 测试方法进行加速暴露测试时对测试条件的选择

ASTM D4674

Standard Practice for Accelerated Testing for Color Stability of Plastics Exposed to Indoor Office Environments

This practice covers the basic principles and operating procedures for using fluorescent light to determine color stability of plastics when materials are exposed in typical office environments where fluorescent overhead lighting and window-filtered daylight are used for illumination and where temperature and humidity conditions are in accordance with American Society of Heating, Refrigerating, and Air-conditioning Engineers (ASHRAE) recommendations for workers' comfort.

ASTM D4674

暴露在室内办公环境的塑料色牢度加速测试的标准测试方法

本测试方法规定了使用荧光灯测定塑料光稳定性的基本原则和操作程序，材料暴露在典型的办公室环境下，头顶上的荧光和透射过窗玻璃的日光用于照明，环境的温度和湿度条件是根据美国供暖、制冷、空调工程师协会（ASHRAE）所提出的让职员感到舒适的建议而设定的。

ASTM D4799

Standard Practice for Accelerated Weathering Test Conditions and Procedures for Bituminous Materials (Fluorescent UV, Water Spray, and Condensation Method)

This practice describes test conditions and procedures for fluorescent UV and condensation exposures conducted according to Practices G151 and G154 for bituminous roofing and waterproofing materials that have a minimum softening point of approximately 95°C (200°F) as determined by Test Method D36.

ASTM D4799

沥青材料（荧光紫外线、喷淋及冷凝法）加速老化测试条件和测试程序的标准测试方法

本测试方法描述了根据 G151 和 G154 沥青屋面和防水材料(最低软化点约 950) 的做法进行荧光紫外线和冷凝暴露测试的测试条件和程序。

ASTM D4811

Standard Specification for Nonvulcanized (Uncured) Rubber Sheet Used as Roof Flashing

This specification covers nonvulcanized (uncured) rubber sheet made of EPDM (ethylene-propylene-diene terpolymer) or CR (polychloroprene) intended for use as watertight roof flashing exposed to the weather.

ASTM D4811

用作屋面防雨板的非硫化（未固化）橡胶薄板的标准规范

本规范规定了由 EPDM（乙烯丙烯三元共聚物）或 CR（氯丁橡胶）制成的、拟用于防水屋面防雨板的非硫化（未固化）橡胶薄板在空气中的曝露测试。

ASTM D5208

Standard Practice for Fluorescent Ultraviolet (UV) Exposure of Photodegradable Plastics

This practice covers the specific procedures applicable for fluorescent Ultraviolet (UV) exposure of photodegradable plastics conducted in accordance with Practices G151 and G154.

ASTM D5208

光降解塑料荧光紫外线 (UV) 曝露测试的标准测试方法

本测试方法规定了依照 G151 和 G154 测试方法对塑料进行光降解荧光紫外线 (UV)曝露测试的具体程序和测试条件。

ASTM D5894

Standard Practice for Cyclic Salt Fog/UV Exposure of Painted Metal, (Alternating Exposures in a Fog/Dry Cabinet and a UV/Condensation Cabinet)

This practice covers basic principles and operating practice for cyclic corrosion/UV exposure of paints on metal; using alternating periods of exposure in two different cabinets: a cycling salt fog/dry cabinet, and a fluorescent UV/condensation cabinet.

ASTM D5894

涂层金属的循环盐雾/紫外线暴露试验（交替暴露在盐雾/干燥装置和紫外线/冷凝装置中）的标准测试方法

本测试方法规定了金属上涂层循环腐蚀/紫外线暴露测试的基本原则和程序；在两个不同试验箱之间进行交替暴露：一个是盐雾/干燥循环，一个是荧光紫外线/冷凝循环。

ASTM D6577

Standard Guide for Testing Industrial Protective Coatings

This guide covers the selection and use of test methods and procedures for testing industrial protective coatings.

ASTM D6577

工业防护涂料测试标准指南

本指南规定了工业防护涂料测试方法和测试程序的选择和使用。

ASTM D750

Standard Test Method for Rubber Deterioration Using Artificial Weathering Apparatus

This test method covers specific variations in the test conditions and procedures that shall be applicable when Practice G151 plus either Practice G152, G153, G154, or G155 are employed for exposure of vulcanized rubber compounds.

ASTM D750

使用人工老化设备对橡胶进行老化试验的标准测试方法

本测试方法规定了可用的测试条件和测试程序的具体变化，在进行硫化橡胶复合物曝露测试时，可采用测试方法 G151 和 G152、G153、G154、G155 中的任意一个。

ASTM D882

Standard Test Method for Tensile Properties of Thin Plastic Sheeting

This test method covers the determination of tensile properties of plastics in the form of thin sheeting and films (less than 1.0 mm (0.04 in.) in thickness).

ASTM D882

薄塑料板拉伸性能的标准测试方法

本测试方法规定了薄片和薄膜（小于 1 毫米（0.04 英寸）厚度）塑料拉伸性能的测定。

ASTM D904

Standard Practice for Exposure of Adhesive Specimens to Artificial Light

This practice covers the basic principles and operating procedures for ultraviolet (UV) light aging (with or without water) of adhesive bonded joints having at least one glass or transparent adhered, using fluorescent UV (see Method A) or xenon-arc light sources (see Method B).

ASTM D904

人工光源胶粘剂样品暴露的标准测试方法

本测试方法规定了胶接接头（至少有一个玻璃或透明粘接）紫外线（UV）光老化（有水循环或无水循环）的基本原则和操作程序，使用荧光紫外线（见方法 A）或氙弧光源（见方法 B）。

ASTM D925

Standard Test Methods for Rubber Property—Staining of Surfaces (Contact, Migration, and Diffusion)

These test methods cover techniques to evaluate three types of staining that rubber may cause when in contact with, or in proximity to, another surface that may be light colored.

ASTM D925

橡胶性能——表面染色（接触、迁移、扩散）的标准测试方法

这些测试方法规定了评估橡胶材料接触或靠近其他浅色表面产生的三种沾色的技术。

ASTM E3006

ASTM E3006, Standard Practice for Ultraviolet Conditioning of Photovoltaic Modules or Mini-Modules Using a Fluorescent Ultraviolet (UV) Lamp Apparatus

This practice covers specific procedures and test conditions for performing ultraviolet conditioning exposures on photovoltaic modules or mini-modules using fluorescent ultraviolet lamps.

ASTM F1164

Standard Test Method for Evaluation of Transparent Plastics Exposed to Accelerated Weathering Combined with Biaxial Stress

This test method covers the resistance of transparent plastics exposed to environmental conditioning (accelerated weathering) under a biaxial stress state induced by a pressure cell/test fixture.

ASTM F1164

透明塑料受到双轴应力与加速老化暴露评估的标准测试方法

本测试方法规定了透明塑料在压力部件/测试支架导致的双轴应力状态下暴露于环境条件（加速老化）的抵抗力。

ASTM F1945

Standard Practice for Determining the Lightfastness of Ink Jet Prints Exposed to Indoor Fluorescent Lighting

This practice covers an accelerated procedure intended to determine the lightfastness of ink jet prints in office environments where overhead fluorescent light is used for illumination.

ASTM F1945

暴露在室内荧光灯下喷墨印刷品光稳定性测定的标准测试方法

本测试方法规定了旨在测定办公室环境下喷墨印刷品光稳定性的加速程序，该环境中用作照明的是头顶上的荧光灯。

ASTM G151

Practice for Exposing Nonmetallic Materials in Accelerated Test Devices That Use Laboratory Light Sources

This practice provides general procedures to be used when exposing nonmetallic materials in accelerated test devices that use laboratory light sources.

ASTM G151

使用实验室光源加速测试设备对非金属材料进行暴露的测试方法

本测试方法提供了在实验室光源加速测试设备中对非金属材料进行暴露测试的一般程序。

ASTM G154

Practice for Operating Fluorescent Light Apparatus for UV Exposure of Nonmetallic Materials

This practice covers the basic principles and operating procedures for using fluorescent UV light, and water apparatus intended to reproduce the weathering effects that occur when materials are exposed to sunlight (either direct or through window glass) and moisture as rain or dew in actual usage.

ASTM G154

使用荧光紫外线设备对非金属材料进行暴露的测试方法

本测试方法是使用荧光紫外灯和冷凝装置进行暴露测试的基本原则和操作程序，旨在再现材料暴露在阳光下（直接或透过窗玻璃）和暴露在湿气中（雨水或露水）发生的老化效果。

EN 13523-10 (DIN)

Coil Coated Metals - Test Methods Part 10: Resistance to Fluorescent UV Radiation and Water Condensation

GM 9125P

Procedures for Laboratory Accelerated Exposure of Automotive Materials

These procedures are used to determine the resistance to degradation of automotive materials when subjected to artificial light sources. It describes exposures to sunshine carbon arc, xenon arc, fluorescent ultraviolet light and condensation apparatus, and a twin carbon arc.

GM 9125P

汽车材料实验室加速老化测试程序

这些程序用于测定受到人造光源照射时汽车材料的抗降解能力。它描述了日光型碳弧、氙弧、荧光紫外线和冷凝装置和双碳弧的暴露测试。

IEC 61215

Crystalline Silicon Terrestrial Photovoltaic (PV) Modules - Design Qualification and Type Approval

IEC 61215

地面用晶体硅光伏组件（PV）—设计鉴定和定型

IEC 61345

UV Test for Photovoltaic (PV) Modules

IEC 61345

光伏组件（PV）紫外试验

ISO 11507 (EN) (DIN)

Paints and Varnishes - Exposure of coatings to artificial weathering- Exposure to fluorescent UV lamps and water

This International Standard specifies exposure conditions for paint coatings exposed to artificial weathering in apparatus including fluorescent UV lamps and condensation or water spray.

ISO 11507 (EN) (DIN)

色漆和清漆 – 涂料的人工老化暴露测试—暴露于荧光紫外线灯管和水

本国际标准规定了油漆涂层暴露于人工老化装置（包括荧光紫外线灯管和冷凝或喷水）的暴露测试条件。

ISO 29664

Plastics - Artificial weathering including acidic deposition

ISO 4892-1 (EN) (DIN)

Plastics – Methods of Exposure to Laboratory Light Sources – Part 1: General guidance

ISO 4892-1 (EN) (DIN)

塑料—使用实验室光源进行曝露测试的方法—第一部分 一般指导

ISO 4892-3 (EN) (DIN)

Plastics - Methods of Exposure to Laboratory Light Sources - Part 3: Fluorescent UV Lamps

ISO 4892-3 (EN) (DIN)

塑料—使用实验室光源进行曝露测试的方法—第三部分 荧光紫外灯

SAE J2020

Accelerated Exposure of Automotive Exterior Materials Using a Fluorescent UV and Condensation Apparatus

SAE J2020

使用荧光紫外线和冷凝装置对汽车外部材料进行加速曝露测试

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