

The American Association of Textile Chemists and Colorists (AATCC) publishes standards for test methods of fiber analysis, colorfastness, color measurement, and other textile elements. AATCC standards improve durability, assure quality color levels, and aid the development of lasting textile products.

- **Global Sustainability**
Test methods related to current developments and industry practice in the fields of sustainability and the environment for the textile and its supplier industries
- **Garment Wet Processing Technology**
Garment dyeing, washing, finishing, and other technical knowledge concerning garment wet processing.
- **UV Protective Textiles Test Methods**
Test methods for measurement of ultraviolet protective performance of fabrics and clothing
- **Electronically Integrated Textiles**
Methods and terminology for the testing of electronically integrated textiles
- **Thermal Regulation Test Methods**
Test methods for quantitative assessment of thermal regulation properties of textiles.
- **Emerging Issues Test Methods**
Test methods, guidelines, and other educational tools for emerging issues related to textiles.
- **Colorfastness to Water Test Methods**
Test methods for measuring the resistance of colors in all kinds of textiles to change, transfer or spotting by any type of water such as fresh water, sea water and chlorinated swimming pool water.
- **Fiber Analysis Test Methods**
Test methods for the qualitative identification and the quantitative determination of fiber mixtures.
- **Antimicrobial Activity Test Methods**
Test methods for detection and measurement of antimicrobial activity of treated textiles.
- **Static Electricity Test Methods**
Test methods for producing and measuring electrostatic behavior of static electrical charges.
- **Colorfastness to Atmospheric Contaminant Test Methods**
Methods to test the factors in atmospheric exposure, other than photochemical influences, which cause color changes;
- test methods for measuring color changes that will reliably correlate with end use. Contaminants under study include oxides of nitrogen, ozone, sulfur dioxide and products of hydrocarbon combustion.
- **Preparation Test Methods**
Test methods for (1) measuring the effect of preparation (defined as all wet steps prior to dyeing, printing or finishing of white textile fibers, yarns or fabrics) upon the chemical, physical and colorfastness properties of these textiles; (2) evaluating the effectiveness of preparation chemicals; and (3) controlling preparation processes including methods for obtaining information about materials on the textiles to be prepared.
- **Color Measurement Test Methods**
Test methods relating to color science, special problems on color, and problems in color science.
- **Colorfastness to Crocking Test Methods**
Test methods for measuring resistance of colors in textiles to transfer by rubbing; to modify and improve the crockmeter to enlarge its adaptability.
- **Dimensional Change Test Methods**
Test methods for measuring dimensional changes in fabrics or textile articles when subjected to atmospheric change or to home and commercial laundering.
- **Professional Textile Care Test Methods**
Test methods for measuring the effect of professional textile care (including dry-cleaning, wet cleaning, finishing, and spot removal) upon the properties of textiles.
- **Finish Analysis Test Methods**
Methods on chemical analysis for identifying and quantitatively measuring finishing materials on textiles.
- **Lightfastness and Weathering Test Methods**
Test methods for determining or predicting resistance of textile materials to degradation when exposed to light and moisture alone, in combination with elevated temperatures, and/or other environments are intended to reproduce the degradation effects of outdoor weathering exposure and/or indoor lightfastness. Degradation modes include loss of appearance properties, such as lightfastness, and/or physical properties, such as tensile strength.
- **Stain Resistance Test Methods**
Test methods for evaluating the resistance of apparel fabrics to stain, the phenomenon of soil deposition on apparel fabrics of various fibers and finish types during laundering, and the soiling of apparel fabrics in service.
- **Floor Covering Test Methods**
Test methods that will reliably predict the use characteristics of all types of floor coverings.
- **Fibrous Test Materials**
Detailed specifications for AATCC standard test fibers, yarns and fabrics other than colorfastness fading standards.
- **Appearance Retention Test Methods**
Test methods for evaluating the appearance of durable press fabrics and component parts and the evaluation of complete garments.
- **Water Resistance, Absorbency & Wetting Agent Eval TM**
Test methods for evaluating the water resistance, absorbency and effects of wetting agents on textiles.
- **Applied Dyeing & Characterization of Dyes Test Methods**
Test methods for evaluating the dyeing properties of different dye classes and dyeing systems
- **Home Laundering Technology**
Standard and new chemical materials, including soaps and detergents, bleaches, water and fabric softeners, enzymes and any other auxiliaries available to the consumer for use in home laundering and coin-operated machines, which may affect color, performance and special functional finishes and the ecology.

<p style="font-size: 2em; margin: 0;">123</p> <p style="margin: 0;">Test Methods</p>	<p style="font-size: 2em; margin: 0;">9</p> <p style="margin: 0;">Monographs</p>	<p style="font-size: 2em; margin: 0;">11</p> <p style="margin: 0;">Procedures</p>		 <p style="margin: 0;">Your Portal for Standards, Testing, Learning & More</p>
--	--	---	---	--

For more information, contact David de la Garza
ddelagarza@astm.org | tel +1.610.832.9504 | www.astm.org