



News Release

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Contact: Christopher S. Leonard, Technical Director
Tel +1 919 549 3532; Fax +1 919 549 8933
Email: leonardc@aatcc.org

IMPROVING FIBER ID— AATCC RELEASES TEXTILE FIBER SUPPLEMENT

RESEARCH TRIANGLE PARK, N.C., USA, Tuesday, June 29, 2010—AATCC releases the *Textile Fiber Supplement* for complete fiber identification and analysis.

Every day, textile technologists, crime labs, and customs agents are faced with identifying fibers from a variety of sources. With more than 30 generic classes of fibers and thousands of trade names, positive and definitive identification can be daunting.

AATCC's *Textile Fiber Supplement* provides new tools and reference data for fiber identification. The *Supplement* is a companion document to AATCC Test Methods 20 (Fiber Identification: Qualitative) and 20A (Fiber Identification: Quantitative). These methods are recognized around the world and are particularly valued for their longitudinal and cross-sectional reference images of more than 60 fiber types.

The supplement adds color, polarized, first-order red plate micrographs; Fourier transform infrared (FTIR) curves; and other resources to aid in identifying both common and novelty fibers.

Information on refractory fibers such as *meta*-aramids, *para*-aramids, PBI, and melamine is included. The *Supplement* also provides guidance for analyzing the structure of metallic fibers.

Fiber sources for the reference material in the *Fiber Identification Supplement* include standardized and readily-available multifiber fabrics. This means labs can easily check their results against the *Supplement* data, using the same fibers.

Based on data from the ongoing AATCC Fiber Identification and Analysis Proficiency Program (www.aatcc.org/programs/prof), the *Supplement* provides a table of interlab variations for quantitative analysis of various fiber blends. This table helps lab personnel understand how much variation may be expected for analysis of a particular blend. Blends with particularly high variability may necessitate additional testing for verification.

ABOUT AATCC: *AATCC is the world's leading not-for-profit association serving textile professionals since 1921. AATCC, headquartered in Research Triangle Park, N.C., USA, provides test method development, quality control materials, and professional networking for members in about 60 countries throughout the world.*

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Photo 1: <http://www.aatcc.org/media/pr/2010/images/FiberSupp1.jpg>

Caption: First order red plate polarized light image of cotton fiber (maximum addition).

Photo 2: <http://www.aatcc.org/media/pr/2010/images/FiberSupp2.jpg>

Caption: Fiber Identification Stain 1 applied to 13-fiber multifiber fabric.

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