

Fiber Identification Supplement to AATCC Test Methods 20 & 20A (Downloadable)

This downloadable supplement provides assistance to those confronted with the task of identifying these fibers either qualitatively when they are identified alone or quantitatively when they are identified in blends. It is a companion document to AATCC Test Methods 20 (Fiber Identification: Qualitative) and 20A (Fiber Identification: Quantitative), the oldest and most comprehensive linked suite of consensus generated fiber identification techniques available world wide.

Supplement Index:

1. FIRST ORDER RED PLATE IMAGES OF GENERIC FIBER TYPES
2. EXAMPLES OF MULTIFIBER STRIPS STAINED WITH FIBER IDENTIFICATION STAIN
3. EXAMPLES OF ENERGY DISPERSIVE X-RAY MAPS OF METALLIC
4. FIBERS WITH INDUCTIVELY COUPLED PLASMA ANALYSIS ALSO SUPPLIED
5. LISTING OF FOURIER TRANSFORM INFRA-RED CURVES
6. TABLE OF PROFICIENCY PROGRAMS COEFFICIENT OF VARIATIONS FOR VARIOUS FIBER BLENDS

Unique to this supplement are:

- color polarized first order red micrographs
- Fourier transform infra-red curves
- other techniques which have been derived from the fibers in a thirteen (13) fiber multifiber strip often used in textile testing laboratories and which are readily available world wide as well as other fiber sources

This gives the textile technologist the opportunity to try out the techniques in the Fiber Identification Supplement for themselves on the very fibers that were used to generate the Fiber Identification Supplement. It assuages the ubiquitous fear and nagging self doubt of the laboratory operator: "I know what my current fiber of interest looks like; I know what the fiber in the test method document looks like, but how do I know what the fiber in the document looks like on my analytical system?". [Order No. 03003 \(Downloadable\)](#)