



Textile Technology Center at Gaston College

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Richard June
Parkdale Mills
531 Cotton Blossom Circle
Gastonia, NC 28054

Dear Mr. June:

You have asked me to give you an independent opinion on the Standard Test methods used by the industry to compare and evaluate fabrics for acceptance.

The Textile Technology Center does extensive testing for the industry on polymer, yarn, fiber, fabric and finished textile products.

In our opinion the following tests are the standard used by industry for acceptance testing of fabric

- ASTM D3776 weight per sq. yd
- ASTM D3775 courses and wales
- ASTM D3787 ball burst
- ASTM D3774 width
- ASTM 3512 random tumble pill
- AATCC 135 shrinkage
- AATCC 16-2004 light fastness
- AATCC 61 color fastness to laundering
- AATCC 116 colorfastness to crocking
- AATCC color retention procedure DEcmc

We also believe that the following test provide additional insight into the comparability of yarns used to produce fabrics to be tested by the above methods :

- Uster Evenness and Imperfections
- Uster Tensojet Single End Strength
- Uster Classimat 3
- Zweigle Hairiness

Fiber characterization is also useful in establishing comparability. The industry standard testing devices for cotton characterization are:

- Uster High Volume Instrument (HVI)
- Uster Advanced Fiber Information System (AFIS)

Further, tests performed utilizing these testing standards are a valid means of comparing the relative suitability and substitutability of fabric produced by different suppliers or yarn technologies.

Please feel free to contact me if you have any questions,
Sincerely,

John A. Anderson
Director
Kimbrell Campus and
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