



## Peer Review Research

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### 1 Evaluation of Washfastness and Crockfastness Values: Pigment Printed Fabrics

By Yüksel İkiz, Pamukkale University; Hyojin Jung, Kyoto Institute of Technology; and Doğan Orhan, DEBA

#### Key Terms

Acrylate, Butadiene, Color, Cotton, Fastness, Pigments, Printing

DOI: 10.14504/ajr.1.6.1

### 8 Studies on Influence of Stitch Density and Stitch Type on Seam Properties of Garment Leathers

By K. Phebe Aaron and B. Chandrasekaran, Central Leather Research Institute, Council of Scientific and Industrial Research, India

#### Key Terms

Seam Efficiency, Seam Elongation, Seam Strength, Seam Type, Sheep Leather, Stitch Density

DOI: 10.14504/ajr.1.6.2

### 16 Application of a Phosphazene Derivative as a Flame Retardant for Cotton Fabric using Conventional Method and Supercritical CO<sub>2</sub>

By Krystal R. Fontenot, Michael W. Easson, Jade Smith, Crista Madison, Sunghyun Nam, Thach-Mien D. Nguyen, SeChin Chang, and Brian D. Condon, USDA-ARS-SRRC

#### Key Terms

Cotton, Durability, Micro Combustion Calorimeter, Non-halogenated Flame Retardant, Supercritical Carbon Dioxide, Thermogravimetric Analysis

DOI: 10.14504/ajr.1.6.3

### 27 Two Surface Activation Strategies to Functionalize Cotton Fibers with Cys-LC-LL-37 Antibacterial Peptide

By Cláudia Mouro, Marta Pedrosa, Joana Vaz, and Isabel Gouveia, University of Beira Interior.

#### Key Terms

Antimicrobial Peptides, Cys-LC-LL-37, Medical Textiles, Surface Activation, Textile Functionalization

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