



Table of Contents

1 Assessment of Ventilated Athletic Uniforms for Improved Thermal Comfort

By Meredith McQuerry and Kristian Hogans, Florida State University

Key Terms

Athletic Wear, Comfort, Permeability, Protective Clothing, Uniform, Ventilation

DOI: 10.14504/ajr.5.5.1

9 Performance Evaluation of Selected Coagulants for the Removal and Reuse of Textile Wastewater Containing C.I. Reactive Black 5

By Nabeela Firdous, Irfan Ahmed Shaikh, Sana Islam, and Yumna Sadeh, University of the Punjab

Key Terms

Coagulants, Dyeing, Efficiency, Recycling, Wastewater

DOI: 10.14504/ajr.5.5.2

15 Optimization of Fluorochemical Finish Concentration for Liquid Repellency Treatment of 100% Cotton Fabric and Resulting Physical Properties

By Sunidhi Mehta, University of Maryland Eastern Shore

Key Terms

Air Permeability, Cotton, Crease Recovery Angle, Finishing, Fluorochemical Urethane, Laundering Durability, Oil Repellency, Tensile Strength, Water Repellency

DOI: 10.14504/ajr.5.5.3

23 A New Environmentally-Friendly Method of Dyeing Lyocell/Cotton Blended Fabrics

By Tuba Toprak, Sibel Şardağ, and Pervin Anis, Uludag University

Key Terms

Blended Dyeing, Catalase, Cellulase, Cotton, Enzyme, Lyocell, Preparation, Sustainability, Tencel

DOI: 10.14504/ajr.5.5.4