

Contents

- 4 Letter from the Editor
B. Mac

- 5 Abstracts in Polish

GENERAL PROBLEMS OF THE FIBRE AND TEXTILE INDUSTRIES

- 9 Effects of Knowledge Management on Supply Chain Management in the Clothing Sector: Turkish Case
S. Kanat, T. Atilgan

RESEARCH AND DEVELOPMENT

- 14 Electrospinning of Poly(acrylonitrile-acrylic acid)/ β Cyclodextrin Nanofibers and Study of their Molecular Filtration Characteristics
P. Amiri, S. H. Bahrami
- 22 Statistical Analyses and Properties of Viloft/Polyester and Viloft/Cotton Blended Ring-Spun Yarns
O. Demiryürek, D. UysalTür
- 28 Rheological Fluids as a Potential Component of Textile Products
M. Leonowicz, J. Kozłowska, Ł. Wierzbicki, K. Olszewska, D. Zielińska, I. Kucińska, A. Wiśniewski
- 34 New Textiles Designed for Anti-Radar Camouflage
G. Redlich, E. Obersztyn, M. Olejnik, K. Fortuniak, A. Bartczak, L. Szugajew, J. Jarzemski
- 43 Bending Stiffness of Knitted Fabrics – Comparison of Test Methods
B. Goetzendorf-Grabowska, A. Karaszewska, V. I. Vlasenko, A. T. Arabuli
- 51 New Method of Fabric Wrinkle Measurement Based on Image Processing
C. Liu, C. Zhang
- 56 Study on 3-D Flow Patterns in Yarn Channels of an Interlacer
H. Qiu, Y. Liu, Y. Zhang
- 62 Effect of Loop Length and Nozzle Type on Structural and Performance Properties of Single Jersey Knitted Fabrics
E. Çoruh, N. Çelik
- 68 Technology and Properties of Distance Double-Weft-Knitted Fabrics (five-layered) with Elastomeric Threads
B. Włodarczyk, K. Kowalski
- 74 Pilling Performance of Cashmere Knitted Fabric of Woollen Ring Yarn and Mule Yarn
L. Li, M. Zhu, X. Wei
- 76 Plasma Modified Polycarbonate Nonwovens as Filtering Material for Liquid Aerosols
A. Brochocka, I. Mian, K. Majchrzycka, J. Sielski, J. Tyczkowski
- 81 Evaluation of a New Bioactive Nonwoven Fabric for Respiratory Protection
K. Majchrzycka
- 89 Experimental and Numerical Simulation Study of an Air drawing Model of Polyethylene Terephthalate (PET) Polymer and Model of Air Jet Flow Field in the Spunbonding Nonwoven Process
Z. Bo
- 97 Dimensional Analysis and Quality Improvement for Head Side Airbag Gluing Stage
A. Pop, G. Cociş, R. Brad
- 103 Method of Separating Fabric from a Stack – Part 1
K. Stasik
- 108 Silvering of Inert PET-Textile Materials by Means of One-Bath and Two-Bath Methods and their Characteristics
T. Onggar, H. Hund, R.-D. Hund, Ch. Cherif
- 115 Dyeing of Microfibres: Problems in Dye Demand Computations
D. Petruulis
- 119 Feathers as a Flame-Retardant in Elastic Polyurethane Foam
K. Wrześniowska-Tosik, S. Zajchowski, A. Bryśkiewicz, J. Ryszkowska
- 129 Biomechanical Studies of Novel Hernia Meshes with Enhanced Surface Behaviour
M. H. Struszczyk, A. Komisarczyk, I. Krucińska, A. Gutowska, B. Palys, D. Ciechańska
- 135 Effect of Formic Acid on Pollutant Decomposition in Textile Wastewater Subjected to Treatment by the Fenton Method
L. Kos, K. Michalska, R. Żylla, J. Perkowski
- 142 Information for Authors. Advertising and Subscription Information