Contents

6 Abstracts in Polish

GENERAL PROBLEMS OF THE FIBRE AND TEXTILE INDUSTRIES

9 Analysis of the Competitiveness of the Turkish Textile and Clothing Sector in the European Union Market
   S. Kanat

19 Lean Tool Implementation in the Garment Industry
   D. Vasanth Kumar, G. Madhan Mohan, K.M. Mohanasundaram

RESEARCH AND DEVELOPMENT

24 Scouring Test of Sheep Wool Intended for Sorption
   J. Braniša, K. Jomová, M. Porubská

30 Polypropylene Crystallisation in the Presence of Inorganic Additives
   A. Ujhelyiová, L. Horbanová, M. Petková, J. Ryba, J. Annaš

39 Analysis of the Twist Influencing Factors of Self-twist Yarns
   C. Hong, G. Xiudi, G. Dawei, L. Hongqin

45 Comparative Study on Carded Cotton Yarn Properties Produced by the Conventional Ring
   and New Modified Ring Spinning System
   G. Buharali, S. Omeroglu

52 Simulation of the Effect of Geometric Parameters of the Fibre Transport Channel
   in Open-End Rotor Spinning
   H. Lin, N.T. Akankwasa, J. Wang, Ch. Zhang

58 Measurement of Tensile Properties of Seersucker Woven Fabrics of Different Structure
   M. Matusiak, J. Zieliński, M. Kwiatkowska

68 Estimation of the Propagation of the Impact Wave Phenomenon as a Result of a Bullet Impact
   in PACVD-Modified Textiles
   M.H. Struszczzyk, M. Landwirt, B. Wilbik-Halgaś, M. Cichecka, W. Urbaniak-Domagala,
   A.K. Paszkarz, I. Krucińska

74 Investigation of the Deposition Time of Electrospayed Textile Chemicals
   B. Kapar, C. Gunesoglu

78 Influence of UV Radiation on the Mechanical Properties of Specimens Printed with the Use
   of the FDM Technique at Different Density Levels
   J. Madej, M. Śliwka, W. Trzcionka

84 Digital Image Correlation Method in Monitoring Deformation During Geogrid Testing
   J. Górszyk, K. Malicki

91 Laboratory Study of Soil Shear Strength Improvement with Polyester Fibres
   G. Nguyen

101 Application of Fenton Reaction and Nanofiltration for the Recovery of Process Water
   R. Żyła, L. Kos

107 Granulation Process of Waste Tanning Shavings
   K. Lawitska, A. Obrańiak, R. Modrzewski

111 Bleached Kraft Pulps From Blends of Wood and Hemp. Part II – Structural, Optical
   and Strength Properties of Pulps
   D. Daniielewicz, B. Surma-Ślusarska

118 Information for Authors. Advertising and Subscription Information

General information: 5th World Congress on Mechanical, Chemical, and Material Engineering MCM ’19 – cover II; 6th
World Congress on Smart Materials and Polymer Technology – p. 23; 47th Textile Research Symposium 2019 – p. 29;
IBWCh – FTEE – p. 38; IBWCh – Laboratory of Microbiology – p. 44; AUTEX 2019 – p. 51; Eurofillers Polymerblends
2019 – p. 67; IBWCh – Laboratory of Environmental Protection – p. 77; EPF 2019 – p. 83; Textile Exchange Sustainability
Conference 2019 – 83; IWTO 2019 – p. 90; Plastic Free World Conference & Expo – p. 90; The 8th Spring World Congress
on Engineering and Technology – p. 99; 6th European Algae Industry Summit – p. 100; ICCPE ’19 – p. 8, 106; The Plastics
Heritage Congress 2019 – p. 116; UID 2019 – p. 117; The International Symposium Textile, the Culture of Clothing and
Fashion – cover III.