

References

1. Maatoug S, Ladhari N, Sakli F. Evaluation of the weavability of sized cotton warps. *Autex Research Journal* 2007; 8(4): 239-244.
2. Abdel-Mohdy FA. Improving the sizeability of some sizing materials based on starch composites. *Pigment & Resin Technology* 1998; 27(3): 180-186.
3. Zhu Z, Cao S. Modifications to Improve the Adhesion of Crosslinked Starch Sizes to Fiber Substrates. *Textile Research Journal* 2004; 74(4): 253-258.
4. Behera BK, Joshi VK. Effect of sizing on weavability of dref yarns. *Autex Research Journal* 2006; 6(3):142-147.
5. Khaled MM, Mahmoud S. Morsy, Tailoring a New Sizing Agent via Structural Modification of Pregelled Starch Molecules. Part 1: Carboxymethylation and Grafting. *Starch/Stärke* 2004; 56: 254–261.
6. Kovačević S, Dimitrovski K, Hadina J. *The processes of weaving. Book.* University of Zagreb Faculty of Textile Technology Zagreb Croatia, 2008.
7. Kovačević S. *Preparation of yarn. Book.* University of Zagreb Faculty of Textile Technology Zagreb Croatia, 2002.
8. Djordjevic S, Nikolic Lj, Urosevic S, Djordjevic D. Importance of Polymer Size Rheology for Efficient Sizing of Cotton Warp Yarns. *Tekstil ve Konfeksiyon* 2012; 2: 77-82.
9. Djordjevic S, Nikolic Lj, Kovacevic S, Miljkovic M, Djordjevic D. Graft copolymerization of acrylic acid onto hydrolyzed potato starch using various initiators. *Periodica Polytechnica Chemical Engineering* 2013; 57(1–2): 55–61.
10. Reddy N, Chen L, Zhang Z, Yang Z. Reducing environmental pollution of the textile industry using keratin as alternative sizing agent to poly(vinyl alcohol). *Journal of Cleaner Production* 2014; 65: 561-567.
11. Hao L, Wang R, Fang K, Liu J. Ultrasonic effect on the desizing efficiency of α -amylase on starch-sized cotton fabrics. *Carbohydrate Polymers* 2013; 96(2): 474-480.
12. Orešković V. A new method of determining the weight of starch in the yarn based on mass balance. *Tekstil* 1975; 24(10): 753-758.
13. Gudlin Schwarz I, Kovacevic S, Dimitrovski K. Comparative Analysis of the Standard Sizing Process and the Pre-wet Sizing Process. *Fibres & Textiles in Eastern Europe* 2011; 19(4/87): 135-141.
14. Gudlin Schwarz I, Kovačević S, Dimitrovski K. Analysis of Changes In Mechanical And Deformation Yarn Properties by Sizing. *Textile Research Journal* 2011; 81(5): 545-555.
15. Kovačević S, Dimitrovski K, Orešković V. Optimization of the size coat of the yarn. In: *2nd International textile clothing & Design Conference*, Dubrovnik Croatia, 2004.
16. Brnada S, Sabljak B, Kovačević S. Investigations of Cold Sizing of Wool Warps. In: *The 4th International Textile, Clothing & Design Conference*, Dragčević Z. (ed.) Zagreb, 2008; 198-203.
17. Kawaljit SS, Maninder K, Narinder S, Seung-Taik L. A comparison of native and oxidized normal and waxy corn starches: Physicochemical, thermal, morphological and pasting properties. *LWT- Food Science and Technology (Lebensmittel-Wissenschaft und -Technologie)* 2008; 41: 1000-1010.
18. Vilas DA, Vidyagauri L. Thermal Studies on Granular Maize Starch and its Graft Copolymers with Vinyl Monomers. *Starch/Stärke* 2000; 52: 205-213.
19. Wing RE, Willett JL. Water soluble oxidized starches by peroxide reactive extrusion. *Industrial Crops and Products* 1997; 7: 45-52.

20. Kuakpetoon DS, Wang YJ. Characterization of different starches oxidized by hypochlorite. *Starch/Stärke* 2001; 53: 211-218.
21. Meshram MW, Patil VV, Mhaske ST, Thorat BN. Graft copolymers of starch and its application in textiles. *Carbohydrate Polymer* 2009; 75: 71-78.
22. Mostafa KM. Graft polymerization of methacrylic acid on starch and hydrolyzed starches. *Polymer Degradation and Stability* 1995; 50: 189-194.
23. Rajput HC, Milani AS, Labun A.. Including time dependency and ANOVA in decision-making using the revised fuzzy AHP: A case study on wafer fabrication process selection. *Applied Soft Computing* 2011; 11, 8: 5099-5109.
24. Manzoor S, Munir H, Shah N, Shaheen A, Khalique MJ. Multivariate analysis of trace metals in textile effluents in relation to soil and groundwater. *Journal of Hazardous Materials* 2006; 137, 1: 31-37.
25. Ludovic KT, Suzuki T, Walter MFF, Mureşan S. Multiple Linear Regression (MLR) and Neural Network (NN) calculations of some disazo dye adsorption on cellulose. *Dyes and Pigments* 1997; 34, 3: 181-193.