

References

1. Wang X, Liu X, Hurren C. Physical and mechanical testing of textiles, chapter in: *Fabric testing*, edited by Hu J., Woodhead Publishing, Cambridge England, 2008, ISBN 978-1-84569-297-1, pp. 90-124.
2. Omeroglu S, Ulku S. An Investigation about Tensile Strength, Pilling and Abrasion Properties of Woven Fabrics Made from Conventional and Compact Ring-Spun Yarns. *FIBRES & TEXTILES in Eastern Europe* 2007, 15, 1(60): pp. 39-42.
3. Almetwally A.A., Salem M.M., Comparison Between Mechanical Properties of Fabrics Woven From Compact and Ring Spun Yarns. *Autex Research Journal* 2010; 10, 1, March: 35 – 40.
4. Frydrych I, Dziworska G, Matusiak M. Influence of yarn properties on the strength properties of plain fabrics. *FIBRES & TEXTILES in Eastern Europe* 2000; 8, 2(29): 42-45.
5. Kumpikaitė E. Analysis of Dependencies of Woven Fabric's Breaking Force and Elongation at Break on its Structure Parameters. *FIBRES & TEXTILES in Eastern Europe* 2007, 1(60), pp. 35-38.
6. Gabrijelčič H, Černoša E, Dimitrovski K. Influence of Weave and Weft Characteristics on Tensile Properties of Fabrics. *FIBRES & TEXTILES in Eastern Europe* 2008, 2(67), 45-51.
7. Kumpikaitė E. Influence of Fabric Structure on the Character of Fabric Breakage, *FIBRES & TEXTILES in Eastern Europe* 2008; 16, 3(68): 44-46.
8. Unal PG. 3D Woven Fabrics, chapter in: *Woven Fabrics* edited by Han-Yong Jeon, InTech, Rijeka, Croatia, 2012, ISBN 978-953-51-0607-4, pp. 91-120.
9. Chen X, Taylor LW, Tsai LJ. An Overview on Fabrication of Three-Dimensional Woven Textile Preforms for Composites. *Textile Research Journal* 2011, 81, 9: 932-944.
10. Soden JA, Hill J. Conventional Weaving of Shaped Preforms for Engineering Composites. *Composites Part A*, 1998; 29A: 757–762.
11. Bilisik AK. Multiaxial Three-dimensional (3-D) Circular Woven Fabric, 2000, Patent No. USP 129 122.
12. Matusiak M, Wilk E. Investigation of Mechanical and Utility Properties of Two-Layer Cotton Woven Fabrics. *Autex Research Journal* 2018, 18, 2: 192-202.
13. Chen X, Taylor LW, Tsai L-J. An overview on fabrication of three-dimensional woven textile preforms for composites. *Textile Research Journal* 2011, 81(9): 932-944. DOI: 10.1177/0040517510392471.
14. Gandhi K. *Woven Textiles Principles, Technologies and Applications*, 1st ed., Woodhead Publishing, ISSN 2042-0803, New Delhi, (2012).
15. Szosland J. *Woven structures* (Struktury tkaninowe – in Polish), Polish Academy of Science, Lodz, 2007.
16. Matusiak M, Sikorski K, Wilk E. Innovative woven fabrics for therapeutic clothing, chapter in: *Innovations in Textile Materials & Protective Clothing*, edited by Bartkowiak G, Frydrych I, Pawłowa M. Warsaw, 2012, pp. 89 – 106.
17. Ghahraman FG; Tavanai H, Hosseini SA. A qualitative assessment of seersucker effect through spectral density and angular power spectrum function algorithms. *The Journal of The Textile Institute* 2010; 101 (3): 276–281, ISSN: 1754-2340.
18. Matusiak M, Wilk E, Zieliński J, Kwiatkowska M. Investigation of Mechanical Properties of Seersucker Woven Fabrics of Different Structure. *Proceedings of*

International Conference ITC & DC 2018, Dubrovnik Croatia 2018 (in progress).

19. Matusiak M, Frączczak Ł. Investigation of 3D Woven Fabric Topography Using Laser-Scanning. *FIBRES & TEXTILES in Eastern Europe* 2018; 26, 1(127): 81-88. DOI: 10.5604/01.3001.0010.7801.
20. Matusiak M, Frączczak Ł. Influence of Kind of Weft Yarn on Properties of the Seersucker Woven Fabrics. *AUTEX Research Journal* 2016, 16, No 4: 214-221.
21. Ashraf W, Nawab Y, Maqsood M, et al.: Development of Seersucker Knitted Fabric for Better Comfort Properties and Aesthetic Appearance. *Fibers and Polymers* 2015, 16, 3: 699-701, ISSN: 1875-0052.
22. Matusiak M.; Frączczak Ł.: Comfort-related properties of seersucker fabrics in dry and wet state, *International Journal of Clothing Science and Technology* 2017; 29, 3: 366-379, ISSN: 0955-6222.
23. www.statsoft.pl
24. Matusiak M, Sikorski K. Influence of the Structure of Woven Fabrics on Their Thermal Insulation Properties. *FIBRES & TEXTILES in Eastern Europe* 2011, 19, 5 (88): 46-53.