Funding

This reseach received no specific grant from any funding agency in the public, commercial or non- profit sectors.

Acknowledgements

The authors are grateful to the company Fıstık Tekstil Örme Sanayi ve Tic. Ltd.Şti. for producing the fabrics used in the study.

References

1. Mikucioniene D, Clukas R, Mickeviciene A. The Influence of Knitting Structure on Mechanical Properties of Weft Knitted Fabrics. *Material Science* 2010; 16, 3: 221-225.
2. Anand SC, Brown KSM, Higgins LG, Holmes DA. Hall M.E.and Conrad D., Effect of Laundering on the Dimensional stability and distortion of knitted fabrics. *Autex Ressearch Journal* 2002; 2, 2.
3. Choi M S, Ashdown Susan P. Effect of Changes in Knit Structure and Density on the Mechanical and Hand Properties of Weft Knitted Fabrics for Outwear. *Textile Research Journal* 2000; 70(12): 1033-1045.
4. Fatkic E, Gersak J, Ujevic D. Influence of Knitting Parameters on the Mechanical Properties of Plain Jersey Weft Knitted Fabrics. *Fibres and Textiles in Eastern Europe* 2011; 19, 5(88): 87-91.
5. Gün A D. Dimensional, Physical and Thermal Properties of Plain Knitted Fabrics Made from 50/50 Blend of Modal Viscose Fiber in Microfiber Form with Cotton Fiber. *Fibers and Polymers* 2011, 12, 8: 1083-1090.
6. Gün A D. Dimensional, Physical and Thermal Comfort Properties of Plain Knitted Fabrics Made from Modal Viscose Yarns Having Microfibers and Conventional Fibers. *Fibers and Polymers* 2011, 12:2, 258-267.
7. Mikucioniene D, Milasiüte L, Baltusnikaite J, Milasiüs R. Influence of Plain Knits Structure on Flammability and Air Permeablility. *Fibres and Textiles in Eastern Europe* 2012; 20, 5(94): 66-69.
8. Bivainyte A, Mikucioniene D. Investigation on the Air and Water Vapour Permeability of Double-Layared Weft Knitted Fabrics. *Fibres and Textiles in Eastern Europe* 2011; 19, 3(86): 69-73.
9. Skenderi Z, Cubric IS, Srdjak M. Water vapor resistance of knitted fabrics under different environmental conditions. *FibresTextiles in Eastern Euro*pe 2009; 17, 2(73): 72-75.
10. Gün D A, Unal C, Unal BT. Dimensional and Physical Properties of Plain Knitted Fabrics Made from 50/50 Bamboo/Cotton Blended Yarns. *Fibers and Polymers* 2008; 9(5): 588-592.
11. Duru C S, Candan C. Effect of repeated laundering on wicking and drying properties of fabrics of seamless garments. *Textile Research Journal* 2013; 83(6): 591–605.
12. Cook JG. *Handbook of Textile Fibres*. Vol.II-Manmade Fibres, Woodhead Publishing Ltd., 2001
13. TS EN ISO 139, 2008. Textiles-Standard atmospheres for conditioning and testing.
14. TS EN 14971, 2006. Textiles – Knitted fabrics – Determination of number of stitches per unit length and unit area.
15. TS EN 14970, 2006. Textiles – Knitted fabrics – Determination of stitch length and yarn linear density in weft knitted fabrics.
16. TS EN ISO 12127, 1999. Textiles – Fabrics – Determination of mass per unit area using small samples.
17. Doyle PJ. Fundamental aspects of the Design of Knitted Fabrics. *Journal Textile Institute* 1953; 44(8): 561-578.
18. Munden DL. The Geometry and Dimensional Properties of Plain-Knit Fabric. *Journal Textile Institute* 1959; 50: T448-47.
19. ISO 5084, 1996. Textiles, Determination of thickness of textiles and textile.
20. EN ISO 13938-2, 1999. Textiles Bursting properties of fabrics. Part 2: Pneumatic method for determination of bursting strength and bursting distension.
21. TS 391 EN ISO 9237, 1999. Textiles Determination of permeability of fabrics to air.
22. TS 5720 EN ISO 6330. Textiles – Domestic washing and drying procedures for textile testing, 2002.
23. TS EN ISO 5077, 2009. Textiles – Determination of dimensional change in washing and drying.

Received 07.04.2016 Reviewed 13.04.2017