

## References

1. Gunasekaran G, et al. Evaluation of a new single parameter for characterising the compressional properties of weft-knitted fabrics. *Indian Journal of Fiber & Textile Resesrch*, 2011; 36: 242-247.
2. van Wyk CM. Note on the Compressibility of Wool. *J. Text. Inst* 1946; 37: 285-292.
3. de Jong S, Snaith JW and Michie NA. A Mechanical Model for the Lateral Compression of Woven Fabrics. *Text. Res. J* 1986; 56: 759-767.
4. Beil NB and Roberts WW. Modeling and Computer Simulation of the Compressional Behavior of Fiber Assemblies: Part I: Comparison to van Wyk's Theory. *Text. Res. J*. 2002; 72: 341.
5. Gurumurthy BR, Prediction of Fabric Compressive Properties using Artificial Neural Networks. *Autex Research Journal* 2007; 7(1): 19.
6. Murthyguru, Novel approach to Study Compression Properties in Textile. *Autex Research Journal* 2005; 5(4): 176.
7. Bakhtiari M, Shaikhzadeh Najar S and Etrati SM. Compression Properties of Weft Knitted Fabrics Consisting of Shrinkable and Non-Shrinkable Acrylic Fibers. *Fibers and Polymers* 2006; 7(3): 295-304.
8. Xu-hong M. and Ming-qiao G. The Compression Behaviour of Warp Knitted Spacer Fabric. *Fibres and Textiles in Eastern Europe* 2008; 16(1): 90.
9. Lin H, et al. Finite element modelling of fabric compression. *Modelling and Simulation in Materials Science and Engineering* 2008; 16: 1.
10. Vassiliadis S, et al. Numerical Modelling of the Compressional Behaviour of Warp-knitted Spacer Fabrics. *Fibres and Textiles in Eastern Europe* 2009; 17 (5): 56 .
11. Sheikhzadeh M, et al. A modeling study on the lateral compressive behavior of spacer fabrics. *J. Text. Inst.* 2010; 101(9): 795–800.
12. Wriggers P. Computational Contact Mechanics. 3<sup>rd</sup> ed. 2002.
13. Shirley Development Ltd. 2005.
14. Alzoubi MF, Al-Hallaj S and Abu-Ayyad M. Modeling of Compression Curves of Flexible Polyurethane Foam with Variable Density. *Chemical Formulations and Strain Rates* 2014; 6(1): 82-97.
15. ABAQUS theory and user's manual, version 6.8. ABAQUS theory and user's manual, version 6.8, 2008.
16. Lu G, Lu GQ and Xiao ZM. Mechanical Properties of Porous Materials. *Journal of Porous Materials* 1999; 6: 359–368.
17. Dubrovski P and Brezočnik M. *The Usage of Genetic Methods for Prediction of Fabric Porosity*, 2012.