References

- Skenderi Z. et al. Knitted fabric and polyurethane composites. In: 3rd Scientific-Profesional Symposium Textile Science and Economy, Zagreb, Croatia, 25 January 2010, pp. 121-124.
- Potočić Matković V M. et al. Mechanical properties of polyurethane coated knitted fabrics. *Fibres and Textiles in Eastern Europe* 2013; 21, 4(100): 86-91.
- 3. Abdul Razak H, Chuaa CS and Toyoda H. Weatherability of coated fabrics as roofing material in tropical environment. *Building and Environment* 2004; 39: 87-92.
- Eichert U. Weather-Resistance of Coated Fabrics for the Automotive Industry. *Journal of Industrial Textiles* 1998; 27: 205-218.
- Eichert U. Residual Tensile and Tear Strength of Coated Industrial Fabrics Determined in Long-Time Tests in Natural Weather Conditions. *Journal of Industrial Textiles* 1994; 23: 311-327.
- 6. Deflorian F et al. Comparison of organic coating accelerated tests and natural weathering considering meteorological data. *Progress in Organic Coatings* 2007; 59: 244–250.
- 7. Potočić Matković V M. et al. Thermal resistance of polyurethane-coated knitted fabrics before and after weathering. *Textile research journal* 2014; 84: 2015–2025.
- 8. Boubakri A et al. Impact of aging conditions on mechanical properties of thermoplastic polyurethane. *Materials and Design* 2010; 31: 4194–4201.
- Farboodmanesh S et al. Effect of Construction on Mechanical Behavior of Fabric Reinforced Rubber. *Rubber Chemistry and Technology* 2006; 79: 199-216.
- Minami H and Motobayashi S. Experimental Research on Uniaxial and Biaxial Tensile Strength of Coated Fabrics with Variously Shaped Defects. *Journal of Industrial Textiles* 1981; 11: 24-40.

1

- 11. Chen S. et al., On the Anisotropic Tensile Behaviors of Flexibile Polyvinil Chloridecoated Fabrics. *Textile Research Journal* 2007; 77: 369-374.
- Mewes H. Adhesion and Tear Resistance of Coated Fabrics from Polyester and Nylon. Journal of Industrial Textiles 1989; 19: 112-128.
- Hu H and Xu Y. Tearing properties of coated multi-axial warp knitted fabric. *Autex Research Journal* 2008; 8: 13-16.
- Luo Y and Hu H. Mechanical properties of PVC coated bi-axial warp knitted fabric with and without initial cracks under multi-axial tensile loads. *Composite Structures* 2009; 89: 536-542.
- 15. Potocic Matkovic V M. et al. Effect of knitted substrate on the composite of knitted fabric and a polyurethane. In: 4th Scientific-Professional Symposium Textile Science and Economy, Zagreb, Croatia, 26th January 2011, pp. 105-108.
- 16. Instruction manual Recomo. Recomo S.P.A., Sovizzo, 2002.
- 17. EN ISO 877-1:2010. Plastics -- Methods of exposure to solar radiation -- Part 1: General guidance.
- 18. EN ISO 877-2:2010. Plastics. Methods of exposure to solar radiation. Direct weathering and exposure behind window glass.
- 19. ISO 1421: 1998. Rubber- or plastics-coated fabrics. Determination of tensile strength and elongation at break.
- 20. EN ISO 12332-1:1999. Rubber- or plastics-coated fabrics. Determination of bursting strength. Steel ball method.
- 21. EN ISO 2286-2:1998. Rubber- or plastics-coated fabrics. Determination of roll characteristics. Methods for determination of total mass per unit area, mass per unit area of coating and mass per unit area of substrate.
- 22. EN ISO 5084:1996. Textiles -- Determination of thickness of textiles and textile products.

23. ASTM D 3787 – 89. Standard Test Method for Bursting Strength of Textiles—Constant-Rate-of-Traverse (CRT) Ball Burst Test.