

References

1. Wawro D, Hummel M, Michud A, Sixta H. Strong Cellulosic Film Cast from Ionic Liquid Solutions. *Fibres & Textiles in Eastern Europe* 2014; 22, 3(105): 26-33.
2. Wendler F, Meister F, Wawro D, Wesolowska E, Ciechańska D, Saake B, Puls J, Le Moigne N, Navard P. Polysaccharide Blend Fibres Formed from NaOH, N-Methylmorpholine-N-oxide and 1-Ethyl-3-methylimidazolium acetate. *Fibres & Textiles in Eastern Europe* 2010; 18, 2: 21-30.
3. Kuzmina O, Sashina E, Troshenkowa S, Wawro D. Dissolved State of Cellulose in Ionic Liquids - the Impact of Water. *Fibres & Textiles in Eastern Europe* 2010; 18, 3: 32-37.
4. Gericke M, Fardim P, Heinze T. Ionic Liquids - Promising but Challenging Solvents for Homogeneous Derivatization of Cellulose. *Molecules* 2012; 17: 7458-7502.
5. Pat. EP 2 268 857, 2011. Cellulosic mouldings.
6. Pat. EP 1 980 653, 2008. Method for forming solutions of cellulose in ionic liquids and forming fibres from the solution.
7. US 2013/0192489, 2013. Process for producing cellulose film.
8. Swatloski RP, Spear SK, Holbrey JD, Rogers RD. Dissolution of cellulose with ionic liquids. *J. Am. Chem. Soc.* 2002; 124: 4974–4975.
9. Zhao D, Li He, Zhang J, Fu L, Liu M, Fu J, Ren P. Dissolution of cellulose in phosphate-based ionic liquids. *Carbohydrate Polymers* 2012; 87: 1490– 1494.
10. Liu Z, Wang H, Li Z, Lu X, Zhang X, Zhang S, Zhou K. Characterization of the regenerated cellulose films in ionic liquids and rheological properties of the solutions. *Materials Chemistry and Physics* 2011; 128: 220–227.
11. Bentivoglio G, Roeder T, Fasching M, Buchberger M, Schottenberger H, Sixta H. Cellulose processing with chloride-based ionic liquids. *Lenzinger Ber* 2006; 86: 154-161.
12. Wendler F, Todi L-N, Meister F. Thermostability of imidazolium ionic liquids as direct solvents for cellulose. *Thermochim Acta* 2012; 528: 76-84.
13. Michud A, Hummel M, Haward S, Sixta H. Monitoring of cellulose depolymerization in 1-ethyl-3-methylimidazolium acetate by shear and elongational rheology. *Carbohydrate Polymers* 2015; 117(6): 355-363.
14. Kalyani Kathirgamanathan. *Modifications of Cellulose Using Ionic liquids*. Ph.D. thesis, University of Auckland, Auckland, New Zealand, 2010.
15. Seddon KR, Stark A, Torres MJ. Influence of chloride, water, and organic solvents on the physical properties of ionic liquids. *Pure & Applied Chemistry* 2000; 72: 2275-2287.
16. Le KA, Sescousse R, Budtova T. Influence of water on cellulose-EMIMAc solution properties: a viscometric study. *Cellulose* 2012; 19: 45–54.

17. Olsson C, Idstrom A, Nordstierna L, Westman G. Influence of water on swelling and dissolution of cellulose in 1-ethyl-3-methylimidazolium acetate. *Carbohydrate Polymers* 2014; 99: 438– 446.
18. Wawro D. *Investigations in alkaline cellulose solutions*. Ph.D. thesis, Dissertation, 1998.
19. Struszczczyk H, Wawro D, Urbanowski A, Mikołajczyk W, Starostka P. US patent 6,106,763, 2000.
20. Struszczczyk H, Wawro D, Urbanowski A, Mikołajczyk W, Starostka P. European patent EP 1317573, 2000.
21. Wawro D, Stęplewski W, Bodek A. Manufacture of Cellulose Fibres from Alkaline Solutions of Hydrothermally Treated Cellulose Pulp. *Fibres & Textiles in Eastern Europe* 2009; 17, 3: 18-22.
22. Wawro D, Struszczczyk H. Biodegradable films made on the basis of biotransformed cellulose/starch blends. *Fibres & Textiles in Eastern Europe* 1999; 7, 2: 49-51.
23. Steller R. Novel models of viscous liquids based on Carreau equation. *Polimery* 2013; 58, 11-12: 913-919.
24. Carreau PJ, DeKee DCR, Chhabra RP. *Rheology of Polymeric Systems*. Ed. Hanser, New York, 1997.
25. Ekmanis JL. GPC analysis of cellulose. *Am. Lab. News* 1987; Jan/Feb: 10.
26. Timpa JD. *J. Agric. Food Chem.* 1991; 39: 270–275.
27. Dawsey TR, McCormick CL. *J. Macromol. Sci. – Rev. Macromol. Chem. Phys.* 1990; C30, 364: 405–440.
28. Adamczyk G, Sikora M, Krystyjan M. Methods to measure the thixotropic properties of food products. *Food, Science, Technology, Quality* 2012; 3(82): 19–34.
29. Bird RB, Marsh BD. Viscoelastic Hysteresis. Part I. Model Predictions. *J. Rheol.* 1968; 12: 479.
30. Fei Lu, Jun Song, Bo-Wen Cheng, Xiu-Jie Ji, Le-Jun Wang. Viscoelasticity and rheology in the regimes from dilute to concentrated in cellulose 1-ethyl-3-methylimidazolium acetate solutions. *Cellulose* 2013; 20: 1343–1352.
31. Šuty S, Petrílková K, Katuscak S, Kirschnerová S, Jablonský M, Vizárová K, Vrska M. Change in the capability of cellulose fibres to retain water during thermally accelerated ageing of paper. *Cellulose Chem. Technol.* 2012; 46(9-10): 631-635.
32. Proniewicz L, Pałuszkiewicz C, Weselucha-Birczyńska A, Majcherczyk H, Barański A, Konieczna A. FT-IR and Raman study of hydrothermally degraded cellulose. *Journal of Molecular Structure* 2001; 596: 163-169.