

References

1. Kaur B, Ariffin F, Bhat R, Karim A. Progress in starch modification in the last decade. *Food Hydrocolloids* 2012; 26:398-404.
2. Wilpiszewska K, Spychar T. Chemical modification of starch by reactive extrusion (in Polish). *Polimery* 2008; 53: 268-275.
3. Wilpiszewska K, Spychar T. Thermal plasticizing of starch on way of extrusion in presence of plasticizers (in Polish). *Polimery* 2007; 52: 13-17.
4. Da Róż ALD, et al. The effect of plasticizers on thermoplastic starch compositions obtained by melt processing. *Carbohydrate Polymers* 2006; 63: 417-424.
5. Rodriguez-Gonzalez FJ, et al. Rheological and thermal properties of thermoplastic starch with high glycerol content, *Carbohydrate Polymers* 2004; 58: 139-147.
6. Hulleman SHD, Janssen FHP, Feil H. The role of water during plasticization of native starches. *Polymer*, 1998; 39: 2043-2048.
7. Lourdin D, Coignard L, Bizot H, Colonna P. Influence of equilibrium relative humidity and plasticizer concentration on the water content and glass transition of starch materials. *Polymer* 1997; 38: 5401-5406.
8. Myllarinen P, Buleon A, Lahtinen R, Forssell P. The crystallinity of amylose and amylopectin films. *Carbohydr. Polym.* 2002; 48: 41-48.
9. Mościcki L. et al. High-pressure processes in the processing of starch (in Polish). *Acta Agrophysica* 2007; 9(2): 431-442.
10. Qiao X, Tang Z, Sun K. Plasticization of corn starch by polyol mixtures. *Carbohydrate Polym.* 2011; 83: 659-664.
11. Bobryk-Mamczarz A. Advanced functional flours (in Polish) *Przegląd Zbożowo Młyński* 2012; 1: 19-20.
12. Janiga M. et al. Chemical modification of starch-protein raw material to prepare a half product for thermoplastic processing. *Fibres & Textiles in Eastern Europe* 2016; 6(120): 191-197.
13. Wietecha J, et al. Improving the hydrophobic properties of starch-protein raw material by enzymatic modification. *Fibres & Textiles in Eastern Europe* 2016; 6(120): 198-203.
14. Aburto J, Alric I, Thiebaud S, Borredon E, Bikaris D, Prinos J, Panayiotou C. Synthesis, characterization, and biodegradability of fatty-acid esters of amylose and starch. *J. Appl. Polym. Sci.* 1999; 74: 1440-1451.
15. Heinze T., Talaba P., Heinze U. „*Starch derivatives of high degree of functionalization. 1. Effective, homogeneous synthesis of p-toluenesulfonyl (tosyl) starch with a new functionalization pattern*“. *Carboh. Polym.* 2000, 42, 411-420.
16. Michalska A, Zieliński H. Products of Maillard reaction in food (in Polish). *Żywność. Nauka. Technologia. Jakość,* 2007; 2(51): 5-16.
17. Pietrzyk S. The changes in the internal structure of starch granules caused by oxidation *Electr. J. Pol. Agr. Universities* 2005, 8, art. 23 www.ejpau.media.pl/volume8/issue2/art-23.html.
18. Stepto RFT. The processing of starch as a thermoplastic, *Macromol. Symp.* 2003; 201: 203-212.