

Zuzanna Żołek-Tryznowska

Lista publikacji z dnia 31 października 2015

Książki i monografie

1. Żołek-Tryznowska Z., **Additives for Ink Manufacture, [w:] Printing on Polymers. Fundamentals and Applications**, Izdebska J., Thomas S., Elsevier, 2015, 57-66.
2. Żołek-Tryznowska Z., **Rheology of Printing Inks, [w:] Printing on Polymers. Fundamentals and Applications**, Izdebska J., Thomas S., Elsevier, 2015, 87-99.

Publikacje w czasopismach

1. Tryznowski M., Żołek-Tryznowska Z., Świderska A., Parzuchowski P.G., 2015, **Synthesis, characterization and reactivity of a six-membered cyclic glycerol carbonate bearing a free hydroxyl group**, *Green Chemistry*, DOI: 10.1039/C5GC01688F
2. Izdebska J., Żołek-Tryznowska Z., Wirtek M., 2015, **Study of the effects of the ink layer on selected properties of multilayer packaging films**, *Journal of Print and Media Technology Research* 4: s. 27-32
3. Żołek-Tryznowska Z., Tryznowski M., Królikowska J., 2015, **Hyperbranched polyglycerol as an additive for water-based printing ink**, *Journal of Coatings Technology and Research* 12: s. 385-392
4. Żołek-Tryznowska Z., Izdebska J., Tryznowski M., 2015, **Branched polyglycerols as performance additives for water-based flexographic printing inks**, *Progress in Organic Coatings* 78: s. 334-339
5. Żołek-Tryznowska Z., Tryznowski M., Izdebska J., 2014, **Diglycerol as an environmentally friendly performance additive for water-based flexographic printing inks**, *Przemysł Chemiczny* 93: s. 1970-1973
6. Żołek-Tryznowska Z., Izdebska J., Gołąbek M., 2014, **Ionic liquids as performance additives for water-based printing inks**. *Coloration Technology*, 130: s. 314-318
7. Izdebska J., Żołek-Tryznowska Z., Książek T, 2013, **Influence of artificial aging on cellulose film The optical properties of printed and non-printed biodegradable film bases**, *Agro FOOD Industry Hi Tech* 24: s. 52-56
8. Żołek-Tryznowska Z., Izdebska J., 2013, **Flexographic printing ink modified with hyperbranched polymers: Boltorn P500 and Boltorn P1000**, *Dyes and Pigments* 96: s. 602-608
9. Żołek-Tryznowska Z., Izdebska J, 2012, **Hyperbranched Polymers – their application in printing inks**, *Composite Interfaces* 19: s. 441-451
10. Domańska U., Paduszyński K., Żołek-Tryznowska Z., 2011, **(Liquid + liquid) equilibria of binary systems containing hyperbranched polymer Boltorn H2004 – Experimental study and modeling in terms of lattice cluster theory**, *Journal of Chemical Thermodynamics* 43: s. 167-171
11. Domańska U., Żołek-Tryznowska Z., 2010, **Mass-fraction activity coefficients at infinite dilution measurements for organic solutes in the Dendritic-polymer PAMAM-C12 using inverse gas chromatography**, *Journal of Chemical and Engineering Data* 55: s. 4976-4981
12. Domańska U., Żołek-Tryznowska Z., 2010, **Solubility of hyperbranched polymer, Boltorn W-3000, in alcohols, ethers and hydrocarbons**, *Journal of Chemical Thermodynamics* 42: s. 1304-1309

- 13.** Domańska U., Paduszyński K., Żołek-Tryznowska Z., 2010, *Liquid – liquid phase equilibria of binary systems containing hyperbranched Polymer B-U3000: experimental study and modeling in terms of lattice cluster theory*, *Journal of Chemical and Engineering Data*, 55: s. 3842-3846
- 14.** Domańska U., Żołek-Tryznowska Z., Tshibangu M., Ramjugerneth D., Lether T.M., 2010, *Separation of an alcohol and a tetrahydrofuran, methyl tert-butyl ether, or ethyl tert-butyl ether by solvent extraction with a hyperbranched polymer at T = 298.15 K*, *Journal of Chemical and Engineering Data*, 55: s. 2879-2885
- 15.** Domańska U., Żołek-Tryznowska Z., 2010, *Effect of temperature and composition on the surface tension and thermodynamic properties of binary mixtures of Boltorn U3000 with alcohols and ether*, *Journal of Solution Chemistry*, 39: s. 864-876
- 16.** Domańska U., Żołek-Tryznowska Z., 2010, *Measurements of the density and viscosity of binary mixtures of (hyperbranched polymer, B-H2004 + 1-butanol, or 1-hexanol, or 1-octanol, or methyl tert-butyl ether)*, *Journal of Chemical Thermodynamics* 42: s. 651-658
- 17.** Domańska U., Żołek-Tryznowska Z., 2010, *Measurements of mass-fraction activity coefficient at infinite dilution of aliphatic and aromatic hydrocarbons, thiophene, alcohols, water, ethers and ketones in hyperbranched polymer, Boltorn H2004, using inverse gas chromatography*, *Journal of Chemical Thermodynamics* 42: s. 363-370
- 18.** Domańska U., Żołek-Tryznowska Z., 2010, *Mass-fraction activity coefficients at infinite dilution measurements for organic solutes and water in the hyperbranched polymer Boltorn B-W3000 using inverse gas chromatography*, *Journal of Chemical and Engineering Data*, 55: s. 1258-1265
- 19.** Domańska U., Żołek-Tryznowska Z., 2009, *Thermodynamic properties of hyperbranched polymer, Boltorn U3000, using inverse gas chromatography*, *Journal of Physical Chemistry B*, 113: 15312-15321
- 20.** Domańska U., Żołek-Tryznowska Z., 2009, *Temperature and composition dependence of the density and viscosity of binary mixtures of (hyperbranched polymer, B-U3000 + 1-alcohol, or ether)*, *Journal of Chemical Thermodynamics* 41: s. 821-828
- 21.** Domańska U., Żołek-Tryznowska Z., A. Pobudkowska, 2009, *Separation of hexane/ethanol mixtures. LLE of ternary systems (ionic liquid or hyperbranched polymer or ethanol + hexane) at T = 298.15 K*, *Journal of Chemical and Engineering Data*, 54: s. 972-976
- 22.** Domańska U., Pobudkowska A., Żołek-Tryznowska Z., 2007, *Effect of an Ionic Liquid (IL) Cation on the Ternary System (IL + p-Xylene + Hexane) at T = 298.15 K*, *Journal of Chemical and Engineering Data*, 52: s. 2345-2349
- 23.** Domańska U., Żołek-Tryznowska Z., M. Królikowski, 2007, *Thermodynamic Phase Behavior of Ionic Liquids* *Journal of Chemical and Engineering Data* 52: s. 1872-1880