

## 1.4. Bibliografía

- 1 Cooper, A. I. Polymer synthesis and processing using supercritical carbon dioxide. *Journal of Materials Chemistry* **10**, 207-234 (2000).
- 2 Shaffer, K. A. & DeSimone, J. M. Chain polymerizations in inert near- and supercritical fluids. *Trends in Polymer Science* **3**, 146-153 (1995).
- 3 Canelas, D. A., Burke, A. L. C. & DeSimone, J. M. Carbon dioxide as a continuous phase for polymer synthesis. *Plastics Engineering* **53**, 37-40 (1997).
- 4 Folie, B. & Radosz, M. Phase equilibria in high-pressure polyethylene technology. *Industrial and Engineering Chemistry Research* **34**, 1501-1516 (1995).
- 5 Guney, O. & Akgerman, A. Synthesis of controlled-release products in supercritical medium. *AIChE Journal* **48**, 856-866 (2002).
- 6 Duarte, A. R. C., Casimiro, T., Aguiar-Ricardo, A., Simplicio, A. L. & Duarte, C. M. M. Supercritical fluid polymerisation and impregnation of molecularly imprinted polymers for drug delivery. *Journal of Supercritical Fluids* **39**, 102-106 (2006).
- 7 Park, M.-W. & Bae, H.-K. Dye distribution in supercritical dyeing with carbon dioxide. *The Journal of Supercritical Fluids* **22**, 65-73 (2002).
- 8 Ngo, T. T., Liotta, C. L., Eckert, C. A. & Kazarian, S. G. Supercritical fluid impregnation of different azo-dyes into polymer: in situ UV/Vis spectroscopic study. *The Journal of Supercritical Fluids* **27**, 215-221 (2003).
- 9 Kiran, E. & Zhuang, W. *Supercritical Fluids: Extraction and Pollution Prevention*. (American Chemical Society, 1996).
- 10 Gerhardt, L. J., Manke, C. W. & Gulari, E. Rheology of polydimethylsiloxane swollen with supercritical carbon dioxide. *Journal of Polymer Science, Part B: Polymer Physics* **35**, 523-534 (1997).
- 11 Kwag, C., Manke, C. W. & Gulari, E. Rheology of molten polystyrene with dissolved supercritical and near-critical gases. *Journal of Polymer Science, Part B: Polymer Physics* **37**, 2771-2781 (1999).
- 12 Lee, M., Tzoganakis, C. & Park, C. B. Extrusion of PE/PS blends with supercritical carbon dioxide. *Polymer Engineering and Science* **38**, 1112-1120 (1998).
- 13 Goto, M., Sasaki, M. & Hirose, T. Reactions of polymers in supercritical fluids for chemical recycling of waste plastics. *Journal of Materials Science* **41**, 1509-1515 (2006).
- 14 Kojima, M., Tosaka, M. & Ikeda, Y. Chemical recycling of sulfur-cured natural rubber using supercritical carbon dioxide. *Green Chemistry* **6**, 84-89 (2004).
- 15 Seader, J. D. & Henley, E. J. *Separation Process Principles*. (John Wiley & Sons, Inc., 1998).

- 16 Karger, B., Snyder, L. & Horvath, C. *An Introduction to Separation Science*. (John Wiley & Sons, Inc., 1973).
- 17 King, C. J. *Separation Processes*. (McGraw-Hill, 1981).
- 18 Martini, R. *Solubilización selectiva de polímeros comerciales a alta presión y temperatura: aplicación a la separación de mezclas y a las reacciones de copolimerización*. PhD Thesis, Universidad Nacional del Sur, (2007).
- 19 Martini, R. E., Barbosa, S. & Brignole, E. Demixing of polypropylene/polystyrene blends by near-critical selective solubilization. *Industrial and Engineering Chemistry Research* **45**, 3393-3399 (2006).
- 20 Savage, P. E., Gopalan, S., Mizan, T. I., Martino, C. J. & Brock, E. E. Reactions at supercritical conditions: applications and fundamentals. *AIChE Journal* **41**, 1723-1778 (1995).
- 21 Piqueras, C. M. *Control de trans-isómeros en la hidrogenación de aceites comestibles: aplicación de propano supercrítico como medio de reacción*. PhD Thesis, Universidad Nacional del Sur, (2008).
- 22 Baiker, A. Supercritical Fluids in Heterogeneous Catalysis. *Chemical Reviews* **99**, 453-474, doi:10.1021/cr970090z (1998).
- 23 Subramaniam, B. & McHugh, M. A. Reactions in supercritical fluids - A review. *Industrial & Engineering Chemistry Process Design and Development* **25**, 1-12 (1986).
- 24 Pereda, S. *Ingeniería del equilibrio entre fases: aplicación a reactores de hidrogenación supercrítica*. PhD Thesis, Universidad Nacional del Sur, (2003).
- 25 Kotzabasakis, V., Hadjichristidis, N. & Papadogianakis, G. Catalytic conversions in aqueous media: Part 3. Biphasic hydrogenation of polybutadiene catalyzed by Rh/TPPTS complexes in micellar systems. *Journal of Molecular Catalysis A: Chemical* **304**, 95-100 (2009).