

LITERATURE CITED

- Avrami, M. 1939. Kinetics of phase change. I. General theory. **J. Chem. Phys.** 7: 1103-1112.
- Avrami, M. 1940. Kinetics of phase change. II. Transformation-time relations for random distribution of nuclei, **J. Chem. Phys.** 8: 212-224.
- Capasso, V., M. Burger, A. Micheletti and C. Salani. 2000. **Mathematical Modelling for Polymer Processing: Polymerization, Crystallization, Manufacturing.** V. Capasso, eds. Springer, Germany.
- Ketdee, S., S. Anantawaraskul, P. Supaphol, W. Hongtavet and S. Chareansub. 2006. Crystallization Kinetics and Morphological of Poly (trymethylene terephthalate). **The 16 th Thai Chemical Engineering and Applied Chemistry Conference.**
- Lamberti, G. and G. Titomanlio. 2005. Interaction between Light and Crystallizing Polymer: A Simulation Study. **Eur. Polym. J.** 41: 2055-2066.
- Leephakpreeda, T. 2001. Mathematical Modeling of Solidification of Semi-Crystalline Polymers under Quiescent Non-Isothermal Crystallization: Determination of Crystallite's Size. **ScienceAsia.** 27: 127-132.
- Long, Y., R. A. Shanks and Z. H. Stachursili. 1995. Kinetics of Polymer Crystallization. **Prog. Polym. Sci.** 20: 651-701.
- Raabe, D. 2004. Mesoscale Simulation of Spherulite Growth during Polymer Crystallization by use of Cellular Automaton. **Acta Materialia.** 52; 2653-2664.

- Raabe, D. and A. Godara. 2005. Mesoscale Simulation of The Kinetics and Topology of Spherulite Growth during Crystallization of Isotactic Polypropylene (iPP) by using A Cellular Automaton. **Modelling Simul. Mater. Sci. Eng.** 13: 733-751.
- Ryan, A.J., J.P.A. Fairclough, N.J. Terrill, P.D. Olmsted and W.C.K. Poon. 1999. A Scattering Study of Nucleation Pheomena in Polymer Crystallization. **Faraday Discuss.** 112: 13-29.
- Schultz, J. M. 2001. **Polymer Crystallization: The Development of Crystalline Order in Thermoplastic Polymers.** American Chemical Society, Washington, D.C.
- Smith, S. and L. Lasdon. 1992. Solving Large Sparse Nonlinear Programs Using GRG. **ORSA J. Comput.** 4: 1-15.
- Strobl, G. 2006. Crystallization and Melting of Bulk Polymers: New Observations, Conclusions, and A Thermodynamics Scheme. **Prog. Polym. Sci.**. 31: 398-442.
- Supaphol, P. and J.E. Sprueill. 2001. Isothermal Melt-and Cold-Crystallization Kinetics and Subsequent Melting Behavior in Sydiotactic Polypropylene: A Differenttial Scanning Calorimetry Study. **Polymer.** 42: 699-712.
- Supaphol, P. and J.E. Sprueill. 2000. Regime Crystallization in Sydiotacitc Polypropylenes: Re-Evaluation of The Literature Data. **Polymer.** 41: 1205-1216.