

C.W. Macosko Publications

12/13/07

Books and Book Chapters

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2. *RIM, Fundamentals of Reaction Injection Molding*, Hanser, New York (1989).
3. *Rheology: Principles, Measurements and Applications*, Wiley/VCH, Poughkeepsie, NY (1994).
4. Polyurethane flexible foam formation, L. Artavia and C.W. Macosko. Chapter 2 in *Low Density Cellular Plastics, Physical Basis of Behavior*, N.C. Hilyard and A. Cunningham, eds., Chapman and Hall, London (1994).
5. Fluid Mechanics Measurements in Non-Newtonian Fluids, C. W. Macosko. Chapter 9 in *Fluid Mechanics Measurements*, Second Edition, R.J. Goldstein, ed., Hemisphere, New York (1996).
6. Block copolymers and compatibilization: reactively formed, C.W. Macosko, H.K. Jeon, and J.S. Schulze. *Encyclopedia of Materials: Science and Technology*, Elsevier (2001), 683-688.
<http://www.elsevier.com/inca/publications/store/6/2/0/6/8/1/index.htm>
7. Foam Stability in Flexible Polyurethane Foam Systems, X.D. Zhang, R.A. Neff, and C.W. Macosko. Chapter 5 in *Polymeric Foams: Mechanisms and Materials*, S.T. Lee and N.S. Ramesh, eds. (Polymeric Foam Series), CRC Press, Boca Raton, FL (2004).

Patents (also listed with articles):

1. Force measuring apparatus, J.M. Starita and C.W. Macosko, U.S. Patent 3,693,425 (1972).
2. Reaction injection molding machine, C.W. Macosko and L.J. Lee, U.S. Patent 4,189,070 (1980).
3. RIM mixhead with high pressure recycle, C.W. Macosko and D.B. McIntyre, U.S. Patent No. 4,473,531 (1984).
4. Process of and apparatus for extruding a reactive polymer mixture, C.W. Macosko, T.G. Charbonneaux, and K.J. Mikkelsen, U.S. Patent No. 4,990,293 (1991).
5. Electrochemical process for the production of conducting polymer fibers, S. Li, C.W. Macosko, and H.S. White, U.S. Patent 5,423,956 (1995).
6. Methods for producing nanoparticles, J. L. Anacker, C.W. Macosko, T.R. Hoyer, and R.K. Prud'homme, U.S. 2007/0122449 A1 (2007).

Articles and Preprints

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2. Kinetic constants from molecular weight distributions, C.W. Macosko and K.E. Weale, *Polym. Prepr.* **1969**, 10, 562-568.
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5. Force measuring apparatus, J.M. Starita and C.W. Macosko, U.S. Patent 3,693,425, **1972**.
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