

Thermoplastic Processing Thrust Area Reports

Report No.	Title	Date
A-98-01	"Supercritical Fluid Assisted Polymer Blending" by Mark Elkovitch, David Tomasko, and L. James Lee	Autumn 1998
A-98-02	"Eliminating PVC Degradation during Injection Molding Using Computational Methods" by Jose Garcia and Kurt Koelling	Autumn 1998
A-98-03	"Extensional and Shear Rheology of Dilute and Semi-Dilute Bimodal Polymer Solutions" by Alic Scott and Kurt Koelling	Autumn 1998
A-99-01	"Gas-Assisted Injection Molding: Penetration of Gas through Viscoelastic Polymers" by Vishal Gauri and Kurt Koelling	Spring 1999
A-99-02	"Elimination of Flow Instabilities and Surface Defects during Injection Molding" by J. Carstens, T. Hendren, L. Powers, D. Schwartz, M. Suryadi-nata, G. Xu, and K. Koelling	Autumn 1999
A-99-03	"Prediction of PVC Degradation during Injection Molding" by J. Garcia, K. Koelling, and J. Summers	Autumn 1999
A-99-04	"Post-Consumer/Virgin High Impact Polystyrene Blends: Preliminary Results" by J. Qiao, K. Koelling, C. Kuswanti, J.A. Stuart, and B. Lilly	Autumn 1999
A-00-01	"Rheological Analysis of Polyvinyl Butyral Near the Glass Transition Temperature" by Yi-Je Juang, L. James Lee, and Kurt W. Koelling	Spring 2000
A-00-02	"Processing and Properties of Polymer Nano-Composites" by Hua Wang, Mark Elkovitch, L. James Lee, and Kurt W. Koelling	Spring 2000
A-00-03	"Micro Voids Transport in Resin Transfer Molding" by Kai Kang	Spring 2000
A-00-04	"Rheological Analysis of Polyvinyl Butyral Near the Glass Transition Temperature" by Yi-Je Juang, L. James Lee, and Kurt Koelling	Autumn 2000
A-00-05	"Processing and Properties of Polymer Nanocomposites" by Hua Wang, Mark Elkovitch, L. James Lee and Kurt Koelling	Autumn 2000
A-01-01	"Gas-Assisted Injection Molding: Bubble Penetration through Thin-Wall Cavities" by J.D. Ackerman and Yijie Wang	Spring 2001

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| A-01-02 | “Effect of Supercritical Carbon Dioxide on PMMA/Rubber and Poly-Styrene/Rubber Blending: Viscosity Ratio and Phase Inversion”
by Mark Elkovitch, L. James Lee and David Tomasko | Spring 2001 |
| A-01-03 | “Lithography and Electroplating Mold Making for Microfabrication”
by Chee Guan Koh, Marc Madou, and L. James Lee | Spring 2001 |