



# Successful Injection Molding: Process, Design, and Simulation

By John P. Beaumont, Robert Sherman, Robert F. Nagel

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A strong emphasis is placed on establishing a clear understanding of the complex interaction between materials, process, mold and part design and how injection molding simulation can be used to evaluate this interaction. The author provides a clear understanding and guides the reader on how to minimize development risks and time to market while maximizing productivity and quality of injection molded plastic parts.

By providing full color simulation output, animated filling analysis, and practical data collection forms for product development on the free CD-Rom, the author emphasizes the practical importance of this book - an invaluable resource for every injection molding practitioner.

Successful Injection Molding gives comprehensible explanations on the best ways to utilize simulation in the design of injection molded parts and the tools they are molded from and provides proper application of these tools and the proper interpretation of their results.

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#### **About the Author**

John Beaumont has over 20 years industry and teaching experience in plastics and currently is teaching mold design, products design and injection molding analysis at Penn State Erie. He has authored numerous papers on injection molding, has received two patents, served as an expert witness on mold design litigations and is currently Chairperson-Elect of the Injection Molding Division of the SPE.

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