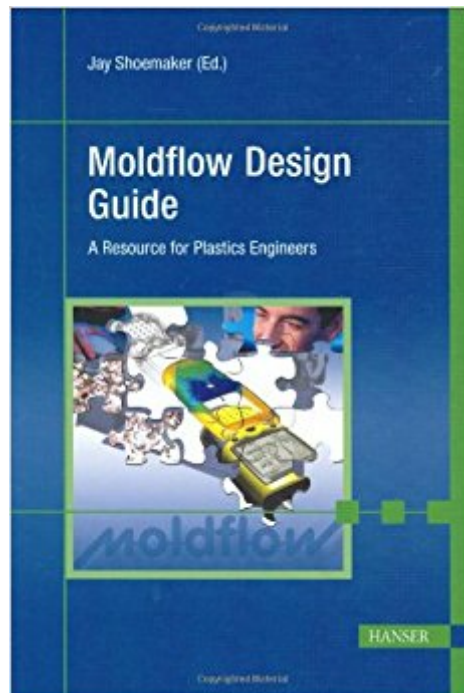




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Moldflow Design Guide: 'A Resource For Plastics Engineers



Synopsis

This book helps plastics designers and engineers solve common problems afflicting plastic parts and molds. Moldflow pioneered injection molding simulation in 1978 and has helped over 5,000 manufacturers make better parts faster and with higher profit. Whether you use Moldflow software or not, this guide is an indispensable tool to understanding plastic flow, CAE analysis and results, and cooling and warp effects to aid in the successful design and manufacture of parts and molds. The book includes an overview of polymer flow behavior and the injection molding process, design principles to facilitate integrated part and mold design, and examples of how Moldflow technology can be used both to solve problems and optimize design and manufacturing.

Book Information

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Customer Reviews

The book Moldflow Design Guide is written in support of the logic behind the software application Moldflow. Where the material at times refers to the decision processes of the software, the book has great insight into how plastics are manufactured through the injection molding process. This insight is the basis behind the decisions made by the software, logic the reader can use as well. Through discussion about the design of mold cavities, runners, sprues, flash, bores and screws, as well as the differences in polymers and flow rates one can gain great insight into the processes involved. Where theory can only be carried so far in the real world, this material is a great starting point. Some use of unexplained industry jargon, can initially cloud the readers understanding until later in the material. I use this book as one of several technical references in writing articles for a free on-line

magazine that focuses on plastic polymers and the manufacturing processes [...], sponsored by Precise Mold and Engineering a custom plastic manufacturing company([...]).Dr. John H. GlasgowPresident, Resource Management Training[...]

This book is a great guide to understanding the simulation of injection molding. It is focused on using Moldflow injection molding simulation software, but the knowledge is applicable to understanding injection molding. It's a must read if you're wanting to become an expert with Moldflow software.

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