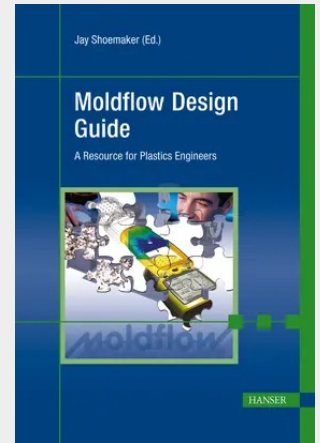


Shoemaker

Moldflow Design Guide

A Resource for Plastics Engineers

The origins of this book not only include Moldflow Design Principles, but also includes Warpage Design Principles published by Moldflow, and C-Mold Design Guide. Collectively, these documents are based on years of experience in the research, theory and practice of injection molding. These documents are now combined into one book, the Moldflow Design Principles. This book is intended to help practicing engineers solve problems they encounter frequently in the design of parts and molds, as well as during production. This book can also be used as a reference for training purpose at industrial, as well as educational institutions. Contents: - Polymer Flow Behaviour in Injection Molds - Molding Conditions and Injection Pressure - Filling Pattern - Moldflow Design Principles - Meshes used in Moldflow - Product Design - Gate Design - Runner System Design - Cooling System Design - Shrinkage and Warpage - Moldflow Design Procedure - Part Defects - Injection Molding - Injection Molding Machine, System, and Operations - Injection Molding Process Control - Plastics Materials



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