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ROBUST PROCESS DEVELOPMENT AND SCIENTIFIC MOLDING: THEORY AND PRACTICE

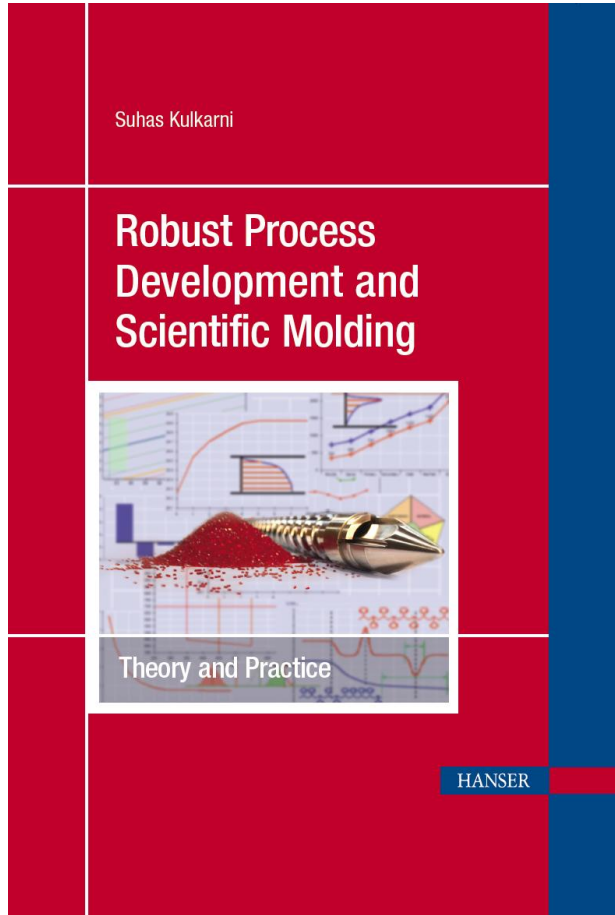


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Cost: \$129.95 **No. of Pages:** 272 **No. of Figures:** 172 **No. of Tables:** 33

Book Description:

The book introduces the reader to the concept of Scientific Processing for Injection Molding. It explains the underlying principles of polymer science, the properties that are important to injection molding and their application to the molding process development. Scientific molding procedures to establish a robust process using the 6-Step Study are provided. The concept of Design of Experiments for injection molding is explained providing an insight to the cosmetic and dimensional process windows. A plan to release qualified molds into production with trouble shooting tips is also provided. Topics that impact a robust process such as the use of regrind, mold cooling and venting are also described.

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