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Peter Kennedy, Rong Zheng Flow Analysis of Injection Molds 2. Auflage. 04/2013 380 Seiten. Fester Einband Bewertung abgeben. Buch: € 179,99 Buch kaufen ISBN: 978-1-56990-512-8. E-Book (PDF): € 149,99 E-Book kaufen

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For injection molding, the benefit of simulation is based on the fact that it is cheaper and faster to avoid problems in the design phase than to fix them in production. Simulation of injection molding, particularly flow analysis, has had a major impact on indus-

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Injection moulding (U.S. spelling: injection molding) is a manufacturing process for producing parts by injecting molten material into a mould, or mold. Injection moulding can be performed with a host of materials mainly including metals (for which the process is called die-casting), glasses, elastomers, confections, and most commonly thermoplastic and thermosetting polymers.

Taking your mold from good to great is as simple as testing it via Mold Flow Analysis (MFA). This software simulates your mold conditions before you open up your wallet to pay for tooling. The effect MFA has on the quality of the mold, the performance

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There are many arguments to why it is good with mold flow simulation or mold flow analysis. Everything from reducing the number of prototypes, launching new products on the market faster or optimizing injection molded components.

Mold flow analysis helps to determine how a given plastic will perform in the mold. The "plastic" in plastic injection molding. Not all plastics flow, heat, or cool the same. In fact, there are more than 85K polymers to choose from when designing for plastic injection molding. The vast polymer options can make material selection a challenge.

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