Press release Schömberg, July 25th, 2025

priomold delivers technical feasibility analysis with filling simulation — in just 60 minutes

Expert feedback on the injection moldability of prototype parts, including filling simulation and DFM assessment.

priomold GmbH now offers rapid, data-driven feasibility analysis for injection-molded parts in the prototype phase. Within just 60 minutes, developers receive clear feedback on whether their part geometry is suitable for injection molding — including a filling simulation, assessment of critical features, and DFM (Design for Manufacturability) commentary.

Minimizing technical risk before toolmaking begins

In early development, the question often arises: Can this part actually be injection molded as designed?
With the QuickDFM service, priomold provides detailed technical insight that supports critical decisions — from design freeze and mold release to the transition into series production. Based on STEP-format CAD data, each analysis is performed by priomold's experienced team, specializing in tool-based prototype production.

The following aspects are evaluated:

- Flow behavior and sprue location
- Demoldability (e.g. undercuts, draft angles)
- Wall thickness profile, ribs and edge transitions
- Potential weld lines, air entrapment, hotspots

Online upload module with rapid turnaround

Designers can upload their STEP files and specify material preferences or project constraints via an online form. The analysis is completed within 60 minutes during business hours.

Each result includes:

- A visually prepared filling simulation
- Technical evaluation of the part's injection moldability
- Follow-up queries from the engineering team if necessary

The analysis is grounded in priomold's extensive project experience with aluminum prototype tools — including cycle-appropriate temperature control and process-aware evaluation. By identifying risks early, teams can avoid delays or quality issues later in the project. QuickDFM enables informed decisions during the most critical phase of product development.

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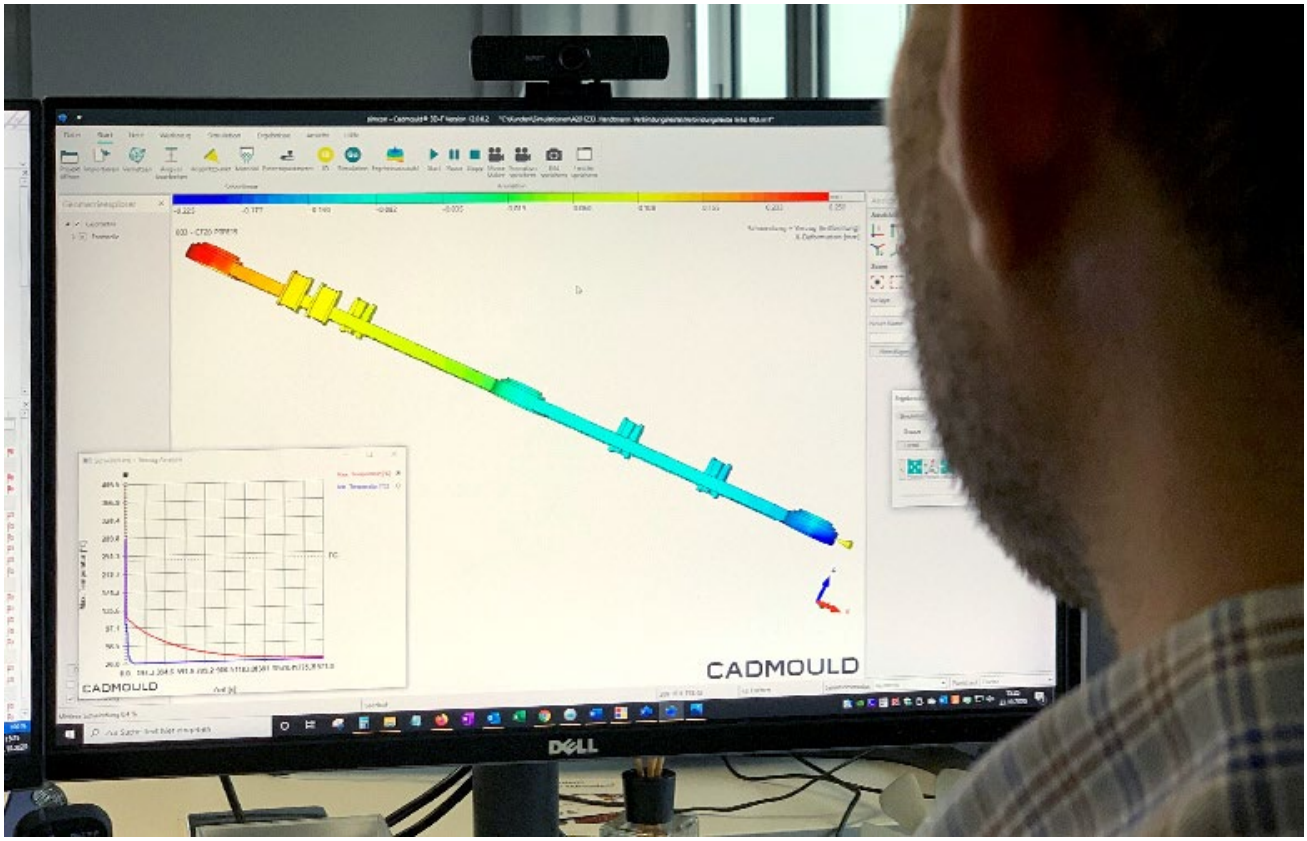

DFM analysis by the priomold design team - technical evaluation for production-oriented implementation in rapid tooling.

About priomold GmbH

The fairly young company, founded by Thomas Schönbucher and Moritz Zumdick in 2015, specializes in the rapid delivery of plastic injection molded parts, offers mold construction (over 500 new molds per year) for prototypes and small series, as well as engineering support in the field of plastics. What essentially sets priomold apart is its short delivery times for molds, injection molded parts, and additively manufactured components. The fastest tooling project was completed in two working days; on average, a new mold is ready within two to three weeks. **www.priomold.com**

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