

Injection Moulding Process Development / Optimisation

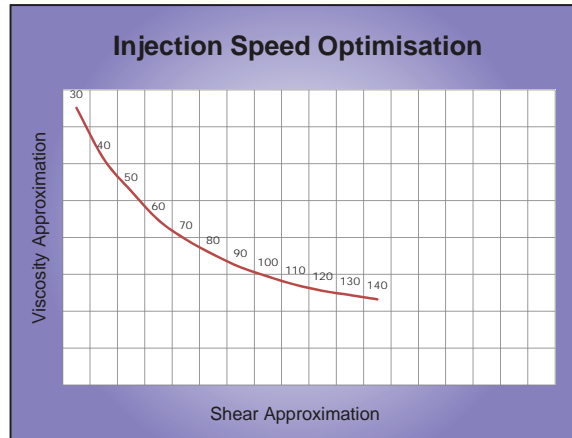
The consistency of the injection moulding process has a direct effect on quality, productivity and profitability. Many injection moulding processes are set as a result of an individual's expertise and knowledge of the machine, mould or material. AST Technology GmbH can develop a more structured and comprehensive approach to ensure that the best possible injection moulding process is achieved.

Process Development and Optimisation Benefits:

- Achieve the best possible, and most consistent injection moulding process during production
- Consistent component manufacture – size / weight / dimension
- Optimised and defined processing window
- Fully documented mould and process development from validation and testing using AST MoldPro® approach and philosophy
- Documented settings will shorten tool uptime for production
- Settings will not have to be re-developed for repeat or copy tooling



Conducting hands-on injection moulding process optimisation or trouble shooting at the production site allows AST to develop effective strategies and optimise leadtimes and results.



A structured approach using AST MoldPro® will make sure to develop a stable and consistent injection moulding process.

AST Service Overview

- Processing audits are available to assess opportunities for improvements
- Assessment of product / component failures and development
- Testing and development of new mould tools
- Fully documented mould and process development from validation and testing using AST MoldPro® approach and philosophy
- Equipment specifications and reviews
- Full process optimisation training

AST customers often use the "Injection Moulding Process Development/Optimisation" service in combination with DFM reviews and tool design reviews for analysing and resolving existing problems in production. This can either be performed remotely or onsite with "hands on" processes in the production environment.

For detailed information please contact AST via email at contact@ast-tech.de or dial +49 (0)5221 58 954 659.