



# TIG<sup>®</sup> shopfloor consulting

## Process Parameters | Module A: Injection Molding

Which parameters are relevant and how can they help optimize the injection molding process?

In this module, the basic aspects of the injection molding process will be covered. Besides the relevant process parameters and their impact on product quality, flaw patterns and according disturbance variables will be part of this section. The start will mark the process parameter tracking by using TIG authentig.

### Benefits

- ✓ Which process parameters are relevant for your individual production process.
- ✓ Apply TIG authentig to record the relevant process parameters
- ✓ Do comprehensive process analysis
- ✓ Learn the interaction and correlation between parameters and part quality
- ✓ Deduce future actions from newly acquired knowledge about your processes, to reduce scrap further on

### Procedure

- ✓ Preparation and kick off via online meeting, phone etc.
- ✓ On site workshop to analyse the current state
- ✓ Comprehensive final evaluation with individual recommendations for further actions
- ✓ Preparation for Module B: interpretation

### Customer benefit

Outcome will be a clear and structured overview about your relevant injection molding parameters, flaw patterns and variables – also disturbance variables – of your individual injection molding process. The link between this new knowledge and your product quality will be established.

You will learn, how to utilize TIG authentig in recording relevant parameters of your injection molding process, to gather further intelligence.

Are you interested?  
Please contact us:  
[sales@tig.at](mailto:sales@tig.at)



## Ing. Robert Kurzbauer B.Sc.

Your contact will be Ing. Robert Kurzbauer B.Sc. After his studies in polymer technologies, he was able to gain broad and profound experience for many years at the company Flex Int. in Vienna. His career led him through a wide range of fields throughout the company. Among them:

### **Sr. Director Cooperate WW tooling sourcing & dies**

Responsible for international strategic and tactical procurement of molds and tools. (Scouting, Supplier selection, Supplier Qualification, Supplier Development and contract negotiations)

### **Sr. Manager Application Engineering Plastic Technology**

Responsible for implementation of new injection molding technologies in Europe, South and Central America. Support of the subsidiaries in investment- and realization projects, concerning injection molding technology and tooling.

### **Sales / Business Development/ Lead Program Manager**

Responsible for all business development activities and program management for the Flex Int. subsidiary in Sarvar, Hungary. Also responsible for the rebuilding of the brand "Flex Sarvar Molding" after the financial crisis in 2008.

Deputy Managing Director, plant Sarvar.

### **Engineering Manager Customer Focus Team Lead**

Responsible for all engineering activities, investment projects (injection molding machines, painting facilities, steam generators) and factory layout with new material flow and dedicated production area.

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