# Influence of material data on simulation results (Moldflow)
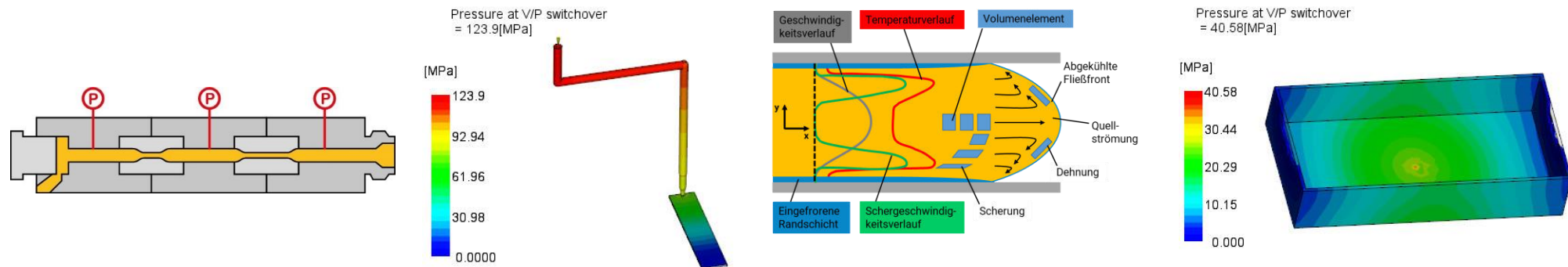
**MFA**
The Moldflow Academy

## Contents:

- Material data in Moldflow

- Measurement methods

- Influence on material data

- Influence of material data on simulation results

- Benefits of advanced material characterization

- Fiber orientation and shrinkage models

- Outlook: Influence of material data on FEA simulations

## Target group:

- Moldflow users

- Persons responsible for material data sets

- Groups of people who validate and optimize processes / products / molds with the help of simulation and practical comparison

  - Process and application engineers, trouble shooters and part managers

  - Technical purchased parts and supplier management

  - Technical / commercial material release

## Benefits:

- Deeper understanding of material data and material models

- Confidence in assessing the resilience of simulation results

- Added value through extended material characterization

- Dialog between measurement method, material data and simulation result

**AUTODESK**
Gold Partner

Value Added Services
Authorized Training Center
Authorized Certification Center



Pressure at V/P switchover = 123.9[MPa]

[MPa]
123.9
92.94
61.96
30.98
0.0000

Pressure at V/P switchover = 40.58[MPa]

[MPa]
40.58
30.44
20.29
10.15
0.000

| | | |
|---|---|---|
| **In house / Online training** | 2.400€ | |
| **Open (online) group training at MFS** (various Companies and industries) | 800€ | per participant |
| **Duration** | 1 day | |

**Your contact person at MF SOFTWARE:**

Claudia Jehn

📞 +49 6151 8504 - 111

✉️ Claudia.Jehn@moldflow.eu