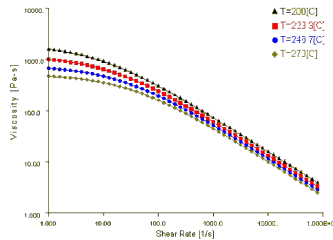# Material Characterization for Autodesk Moldflow

Increasing result quality and prediction reliability with accurate material data
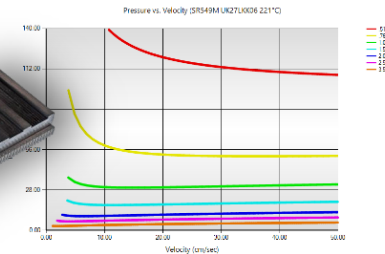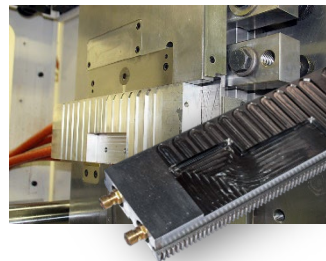
Moldflow Material Characterization

- Consultation on required material properties for your simulation requirement
- Support with material shipping and review shipping documents
- Managing the communication with the test laboratories
- Plausibility check of the delivered material data
- Delivery of the raw data and the Moldflow data file (.udb)
- **New: Material shipment can be taken over by MFS for an additional charge**

Advanced Material Characterization

Therma-flo™

- Realistic determination of flow behavior directly in the injection mold
- Characterizes the behavior of a polymer under the influences of the injection molding process such as injection speed, wall thickness and the resulting frozen layers
- Is used for quick and easy estimation of the pressure requirement with known component geometry even without simulation
- Provides information about the accuracy of the simulation results

Additional Services

Data Fitting

- Review of existing raw data and possibility to create a Moldflow data file
- Determination of missing material properties

Influence of material data on simulation results (training)

- Profound understanding of material data and material models
- Confidence in evaluating the reliability of simulation results
- Interaction between measurement method, material data and simulation result

MFS
Software | Service | Solutions

PEG
Plastic | Simulation | Experience