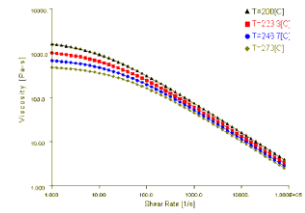


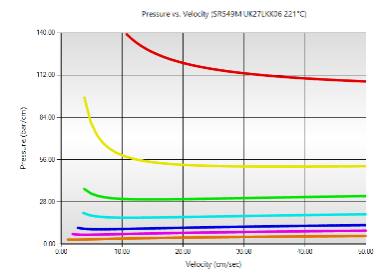
■ Material Testing

- Autodesk® Moldflow® Material Characterization
- Data fitting
- Rheological testing, Shrinkage Characterization (CRIMS) and mechanical properties
- Certifications:
 - ISO 9001-2015
 - ISO 13485-2016



■ Therma-flo™

- The first measurement method for direct characterization of a polymer melt flowing in an injection mold
- Realistic prediction of pressure requirement depending on wall thickness and temperature
- Check of input data for use in simulations
- Including software for result evaluation and comparison of different materials



■ MeltFlipper®

- Optimization of runner design to avoid shear induced unbalanced filling and the resulting injection molding issues
- Reduced scrap
- Increased process window
- Eliminate issues such as unequal filling, pressure, clamp force load, flash, warp, sink, etc.
- Faster time to market

