Cadmould Fill

simcon

simcon kunststofftechnische Software GmbH

Better molds! • Better parts! • More profit!

Runner balancing • Clamping force • Pressure loss • Cooling time

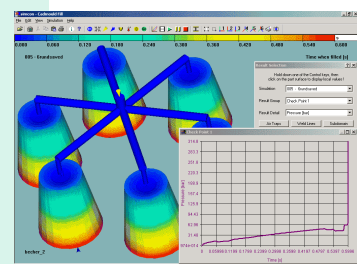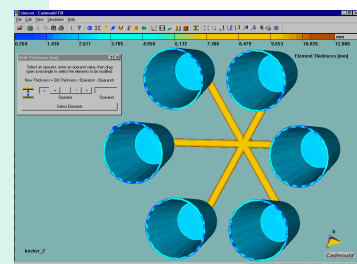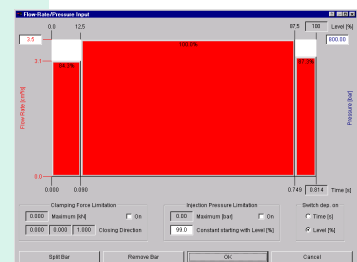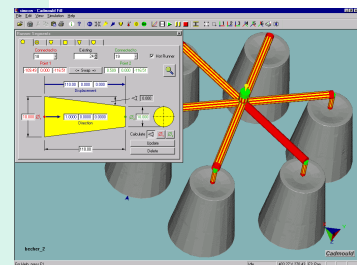*Cadmould Fill* supports mold designers and mold makers.

Functions:

• 3D-CAD interface of stereolithography (STL) files
• Easy to use because of Microsoft® Windows® graphic user interface (GUI)
• Support of OpenGL
• Hot and cold runner design CAD system independant
• Calculate multi-cavity molds and family molds
• The internal material data base for thermoplastics uses **CAMPUS**®
  standards and can be edited by the user.
• An interface to the material data of **CAMPUS**® is available by using
  the software MCBase of M-Base GmbH including the optionally
  available *Cadmould* interface.
• Easy creation of flow leaders. No CAD system necessary.
• Flow rate profiler to optimize the filling phase
• Automatic adaption of the filling process to a specified machine size

Results:

• filling pattern
• pressure distribution
• cooling time
• temperatures
• shear stress
• clamping force
• weld lines and air traps
• process parameters
• local results
• part quality

Miscellaneous:

• animation of results
• easy project documentation
• *Cadmould Rapid* calculates in multi-layers,
  temperature dependant and compressible.
• *Cadmould Rapid* can be upgraded to other
  Cadmould modules.

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