Mold Deformation Analysis
Stress: Mold Deformation Analysis

- Simulates the mold deformation behavior induced by the pressure loading effect in the filling stage and mold thermal loading effect in the cooling stage
- Supports user-defined boundary conditions for mold deformation analysis
- Evaluates potential mold defects due to injection molding process
Mesh

> Requires
  - Mold Insert Mesh
  - Moldbase Mesh
  - Export as Standard Cool
Generate Solid Mesh for Cavity and Runner
Generate Solid Mesh for Mold Insert

> Mold Insert Mesh should be connected to Cavity Mesh
Check Mesh for Free Surfaces and Intersection
Generate Moldbase Mesh and Export

Auto Generate Moldbase Solid Mesh

Export Solid Model

Solid mesh is exported successfully.
Processing
Computation Parameter – Set BC
Run Analysis

> Requires Filling and/or Cooling Results
Post – Processing
Von Mises Stress
Total Displacement

Moldex3D