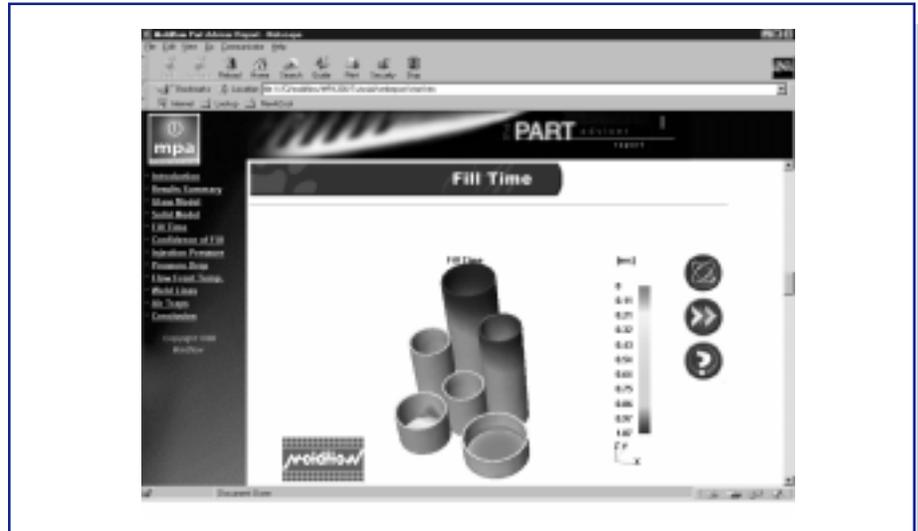


I-DEAS® Part Adviser™ software, provided by Moldflow, Inc., addresses key manufacturing concerns up-front in the preliminary design stage and offers practical advice for identified problems. Designers get rapid feedback on how design modifications to wall thickness, gate locations, materials, or geometric changes can affect the manufacture of their plastic part. Also, I-DEAS Part Adviser provides precise information on the location of weld lines and air traps as well as the filling pattern, pressure, and temperature distributions in the part cavity.

Features and Benefits

Features and benefits of I-DEAS Part Adviser include:

- 3D Solids-based Analysis - I-DEAS Part Adviser analyzes a 3D solid CAD model directly and eliminates the need to translate geometry using an intermediate file or perform complex FEA meshing.
- Practical Design Advice - Unique designer-specific results (Confidence-of-Fill and Dynamic Adviser) provide practical design advice. Users are warned when gating into thin sections of parts that have wall sections with significant variations in wall thickness. In general, it is best to gate these types of parts from thick-to-thin. When I-DEAS Part Adviser encounters such situations, users are warned of the potential for sink marks and warpage based on their choice of gate location.
- Facilitates Design Team Communications - The I-DEAS Part Adviser internet-ready reports facilitate communication between any members of the design-to-production team, regardless of their location.
- Design Integration - I-DEAS Part Adviser is directly integrated within I-DEAS. You never have to exit I-DEAS to design for plastics manufacturability.



Web-based report generator provides context-sensitive results.

User Interface

A few simple pull-down menus access all the capabilities of I-DEAS Part Adviser.

Some of the specific version 3.0 user interface features include:

- Explicit Injection Point Location - X-Y-Z feedback when specifying injection point locations allows the user to explicitly define these in 3D space.
- Measuring Device - allows the user to measure distances, wall thickness, and injection point locations.
- Bounding Box - displays the parts' maximum X-Y-Z dimensions.
- Clipping Plane - allows for in-depth model examination and results visualization.
- Dimension Scale - provides instant feedback on the size of the part.

- X-Y-Z Polar Axes, User-definable Mouse Modes - allows a user to match the model manipulation mouse modes of I-DEAS.
- Automatic Web-based Report Generator - graphics, format, and context-sensitive results plot helps document and communicate all results.
- Global Localization - Part Adviser 3.0 will be localized for Japanese, German, and French.

Prerequisite

- Core Master Modeler
- or-
- I-DEAS Product Design Package
- or-
- I-DEAS Artisan™ Package

For More Information

For more information, contact your local SDRC representative or call 1-800-848-7372.