

## Moldflow Simulation to Reality

### Objective:

Injection Molding Simulation Was Performed To Evaluate Possible Solutions

Analysis Performed:

- ✓ Mold Filling Analysis
- ✓ Cooling Analysis
- ✓ Warpage Analysis

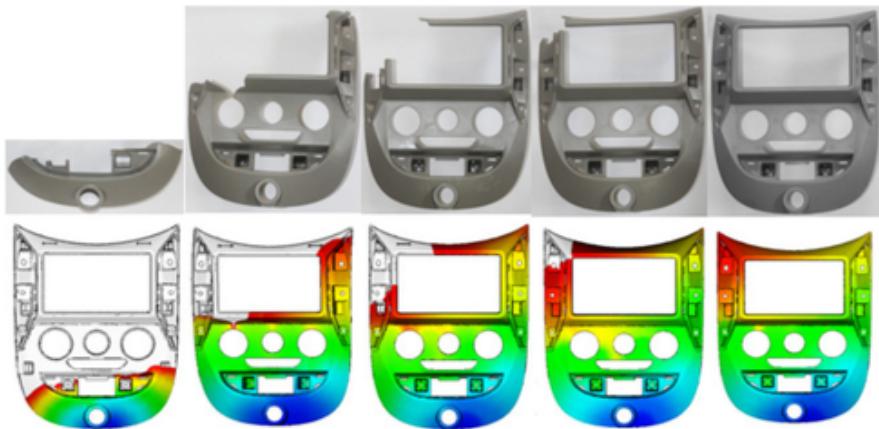
Want To Identify Position Of Weld Line, and Any Potential Filling Issues

Pre Processing:

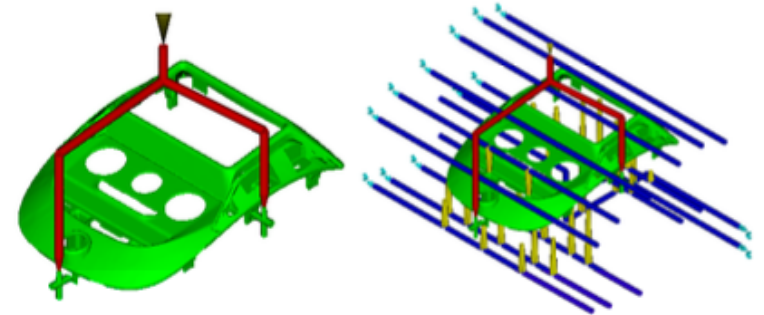
Mesh Type: 3D mesh

Material : PC + ABS.

### Molding Trial part fill pattern.



### Moldflow Simulation fill pattern.



Feed system with Part

Cooling Channel with Part

Molding Trials and Moldflow Simulation of Automotive Center Bezel Showed Excellent Filling Predictions with the specified material

Using **Autodesk Moldflow Flex 2016** and our expertise, we have reduced the mold sampling costs and eliminated the mold trial and error phase from the molding process