

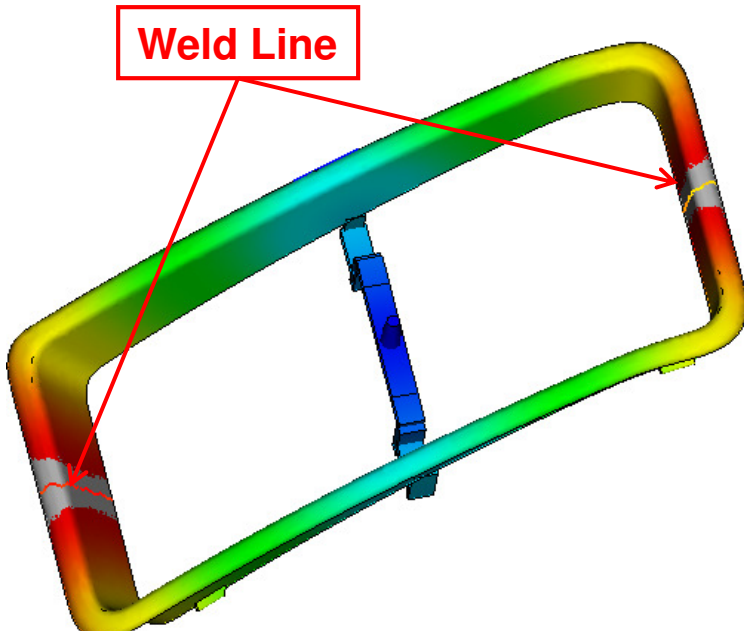
## Moldflow Simulation For Weld Line Optimization

### Objective:

To carry Weld Line Optimization on the Part Chrome.

### Initial Iteration:

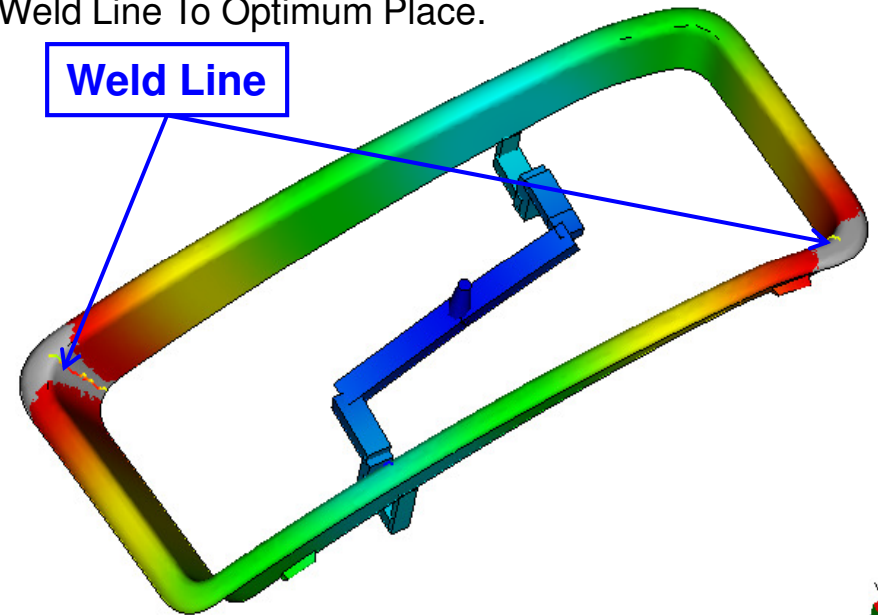
Previous Mold Design Showed That The Weld Line Occurred In The Area Which Was Unaccepted.



Pre Processing:  
Mesh Type: Dual Domain  
Polypropylene Material.

### Final Iteration:

Shifting The Gate Location To a Calculated Distance Gives The Location Of The Weld Line To Optimum Place.



Molding Trials and Moldflow Simulation of **Chrome Were Carried Out**. Iterations Were Carried Out In Order To Shift The Weld Lines.

Proper Calculation was done To Ensure That the Prominent Gate Location is Achieved For Best Result.