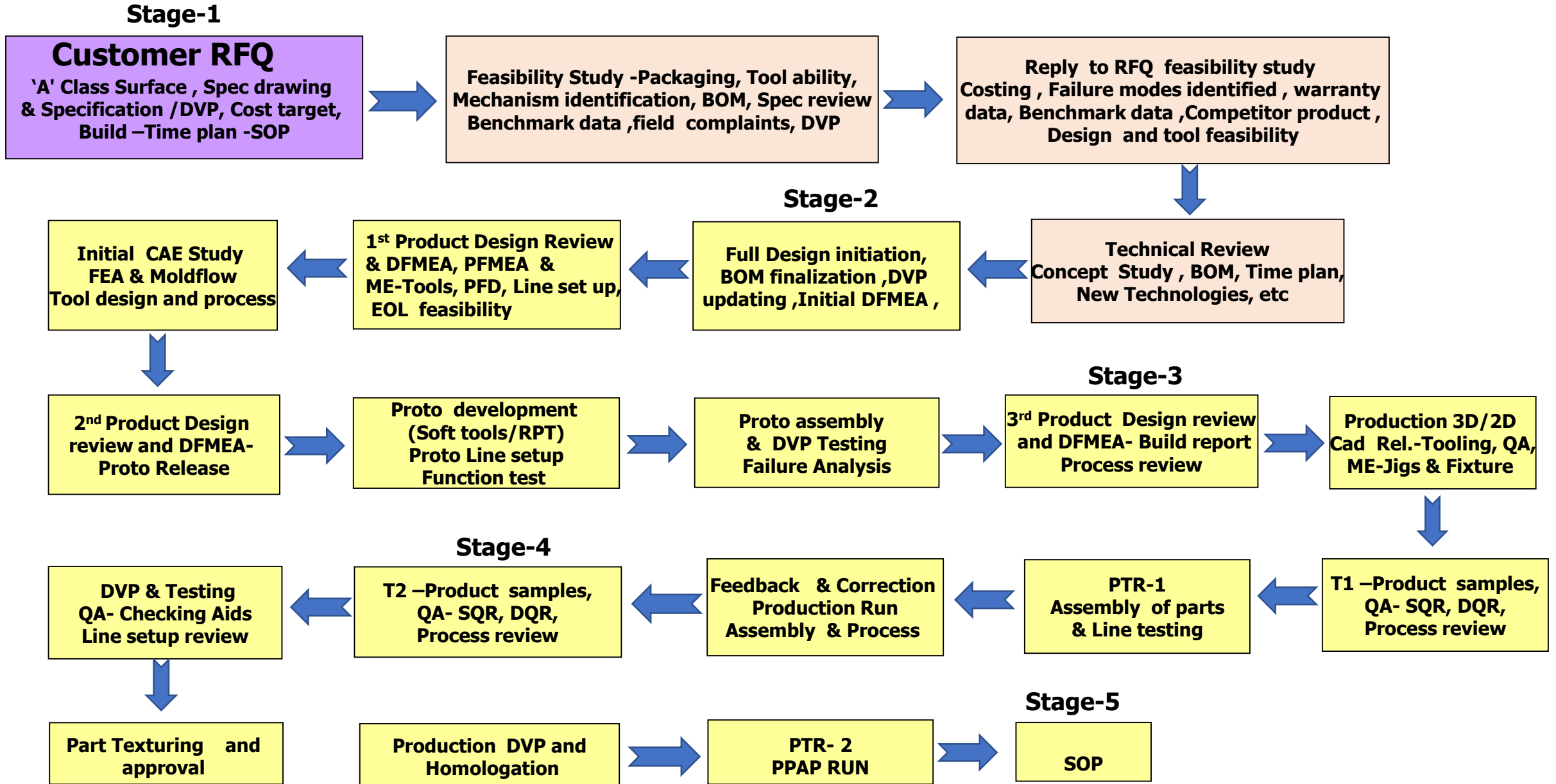
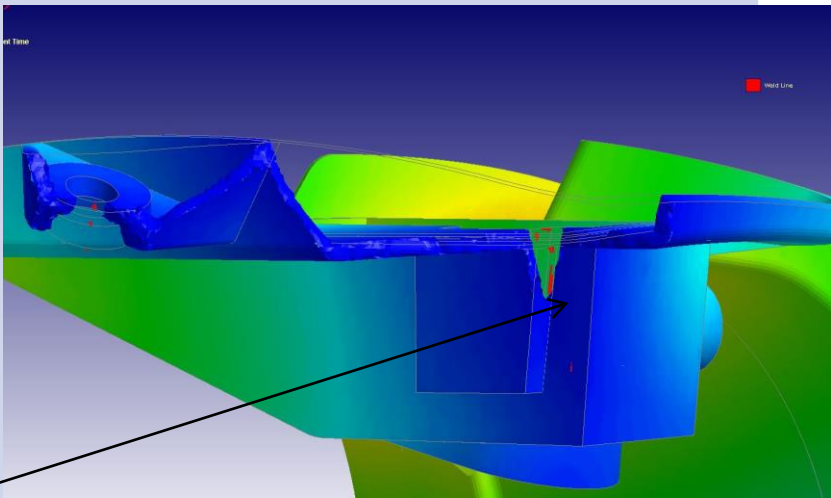
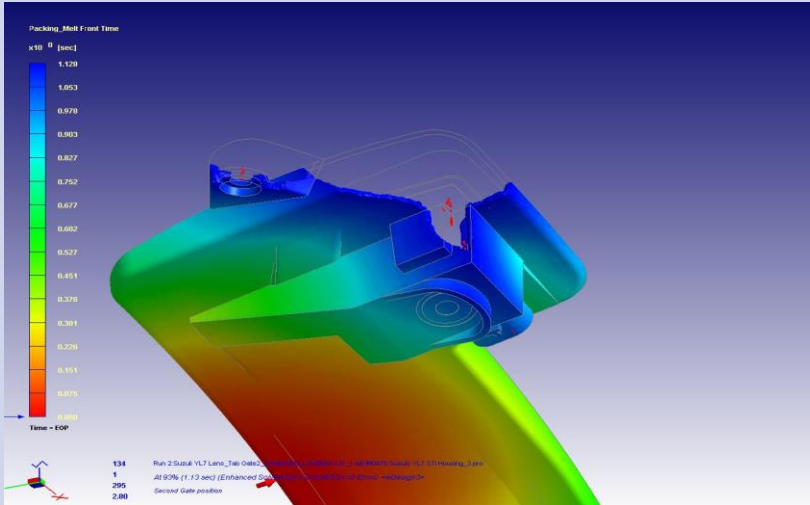


# DESIGN AND DEVELOPMENT CYCLE

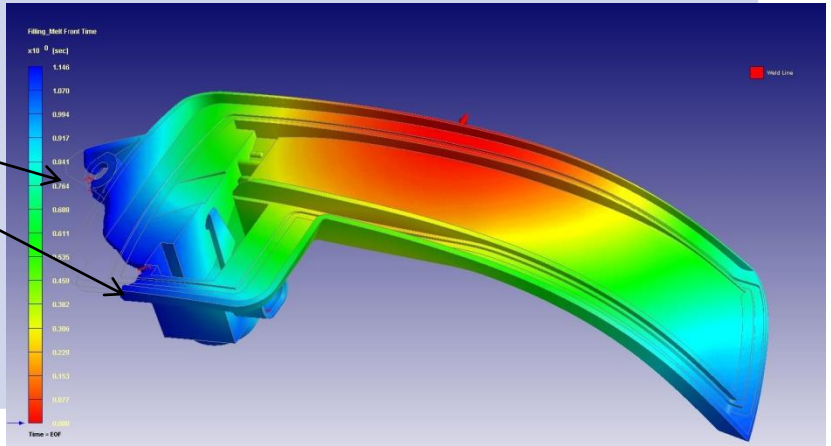


# CAE-Plastic Mold flow Analysis Using Moldex 3D

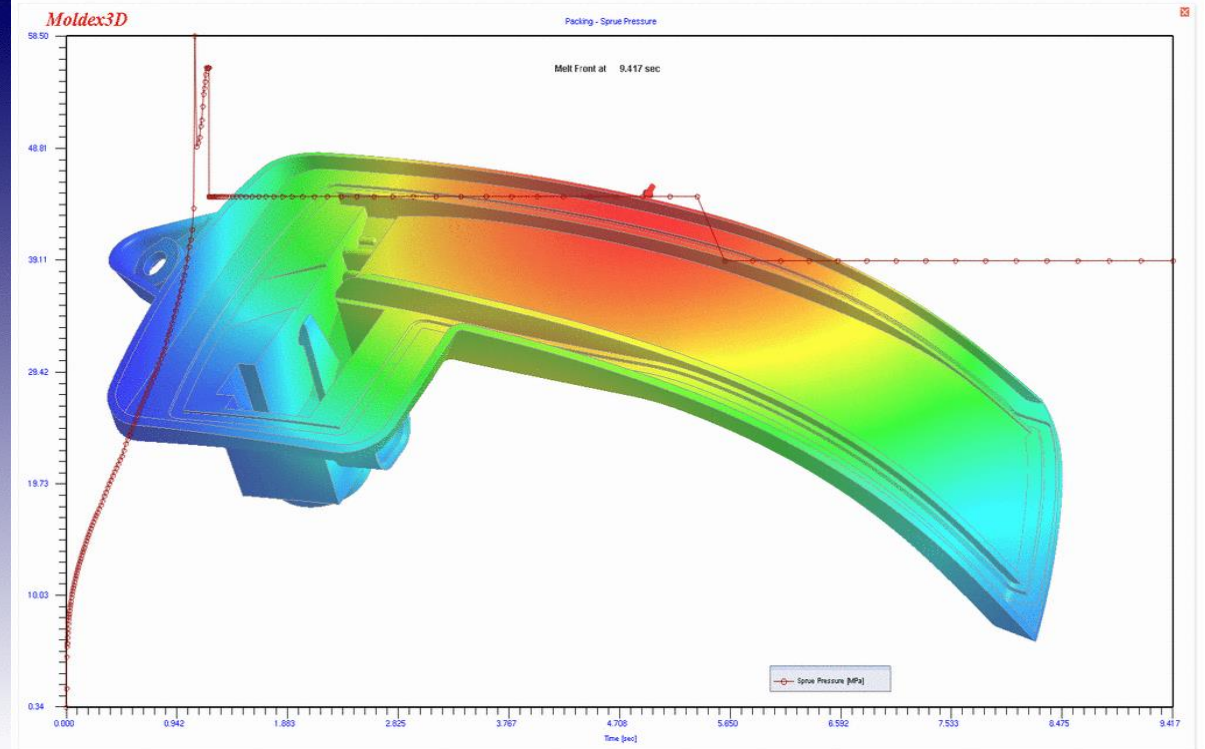
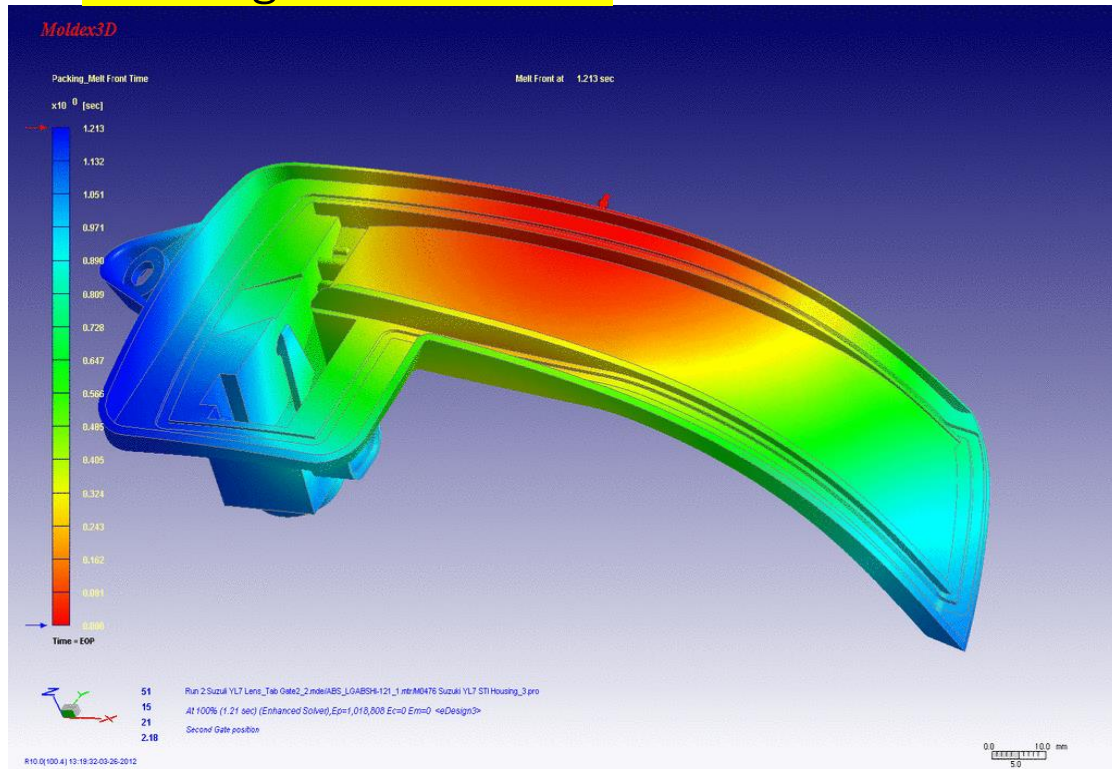
## Weld Lines

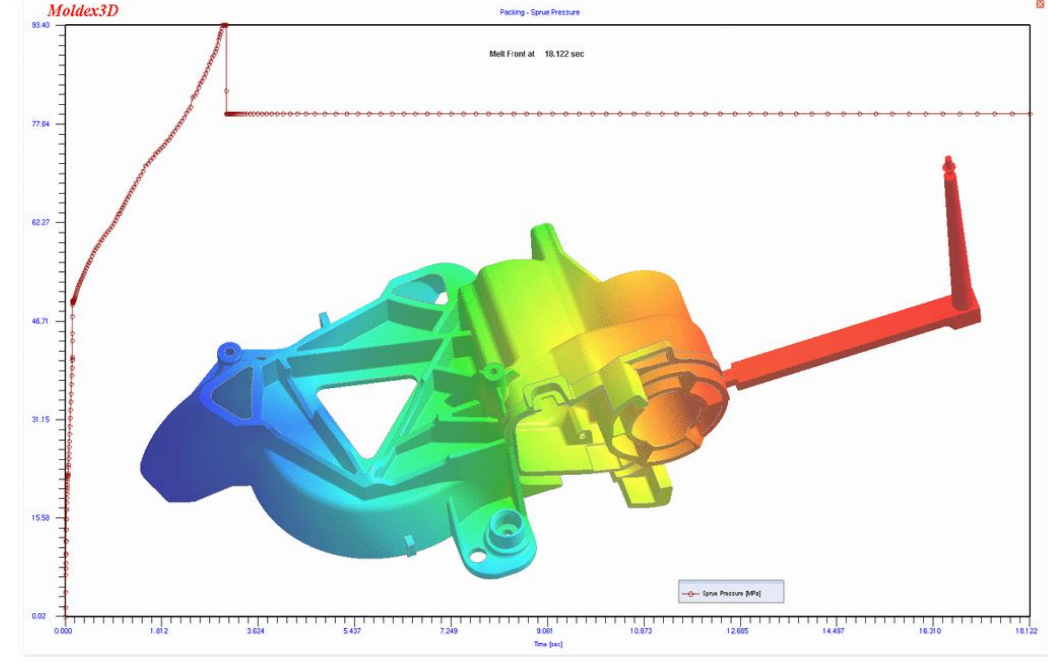
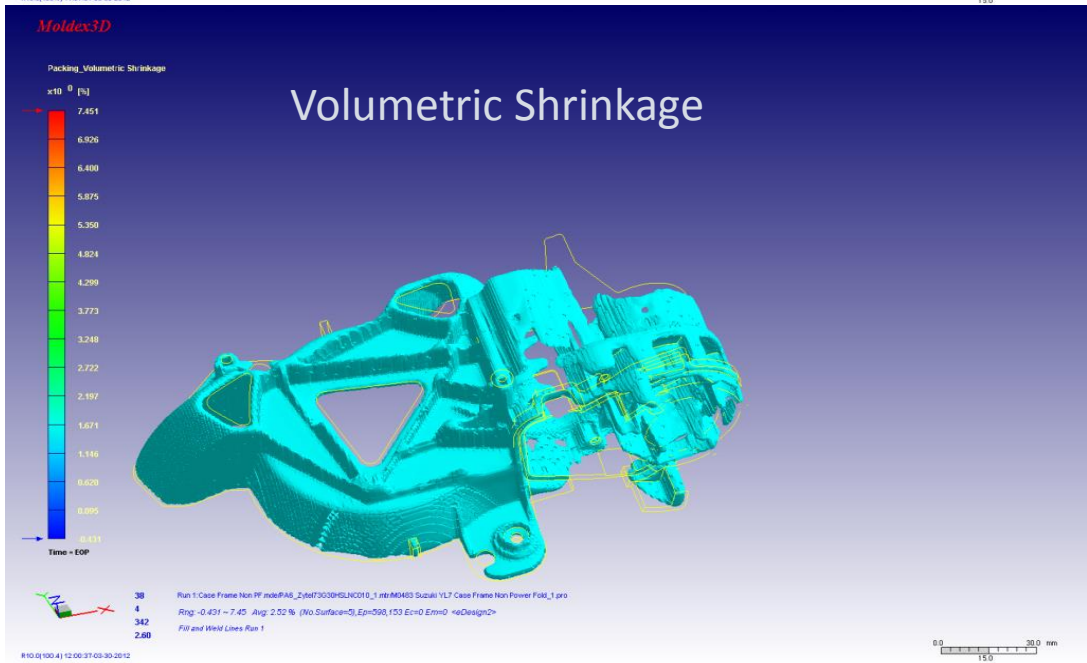
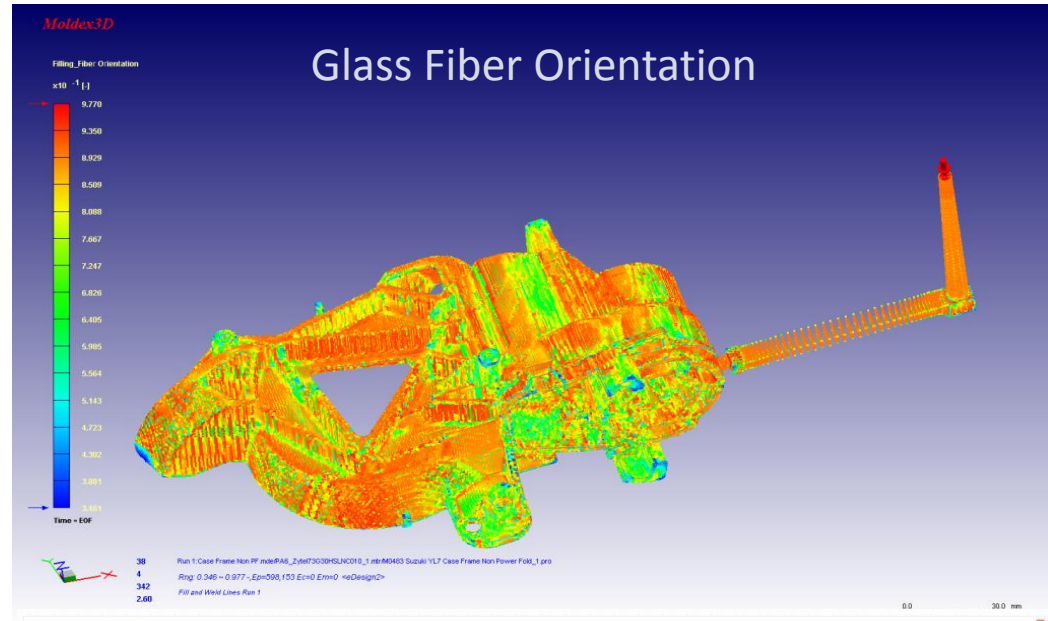
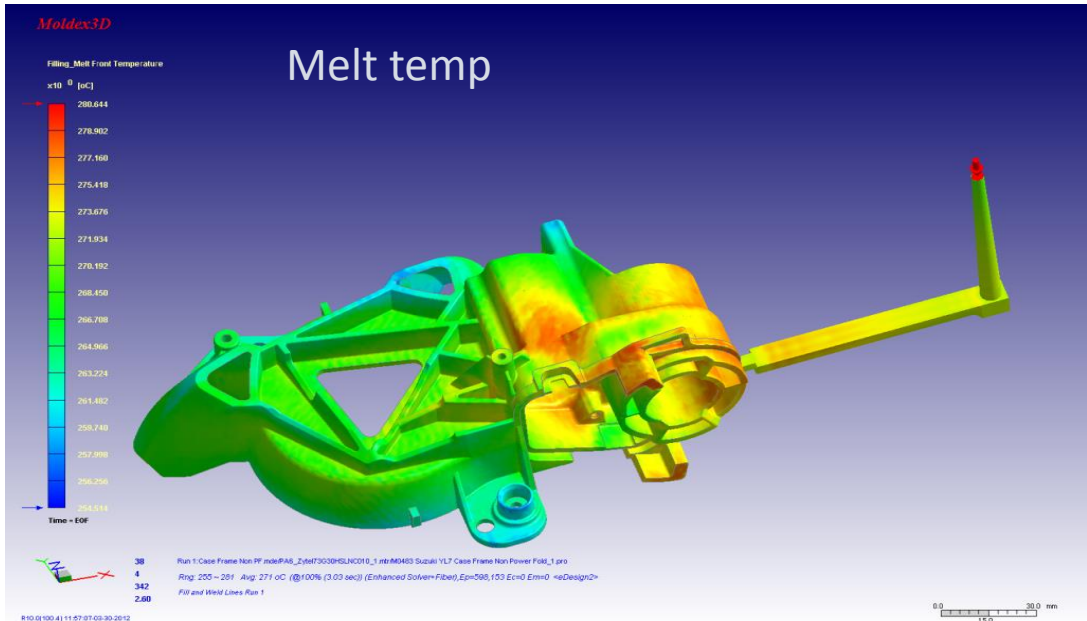


Weld line in this area is a concern and needs to be assessed.



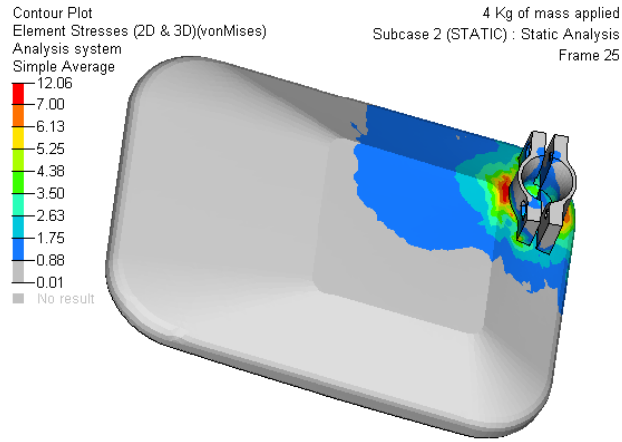
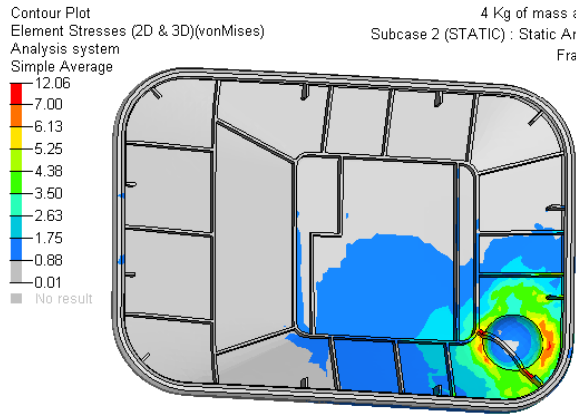
# Packing - Animation





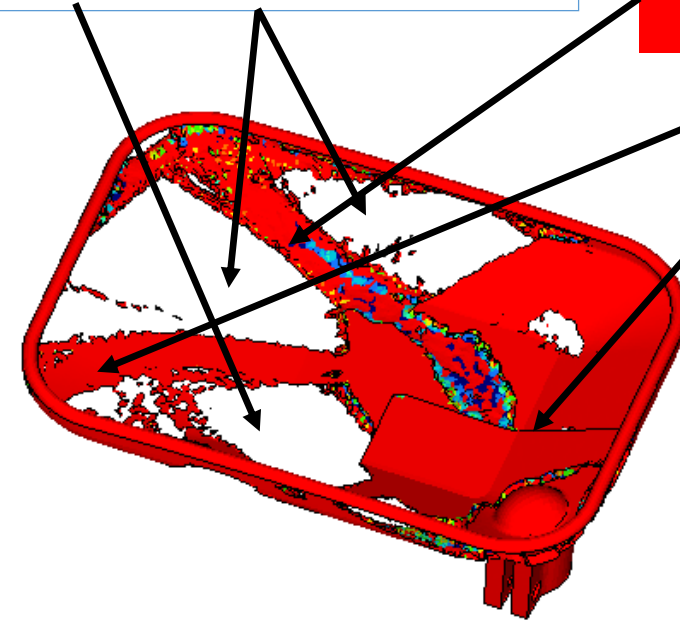


## Result: Von Mises Stresses (MPa) Housing

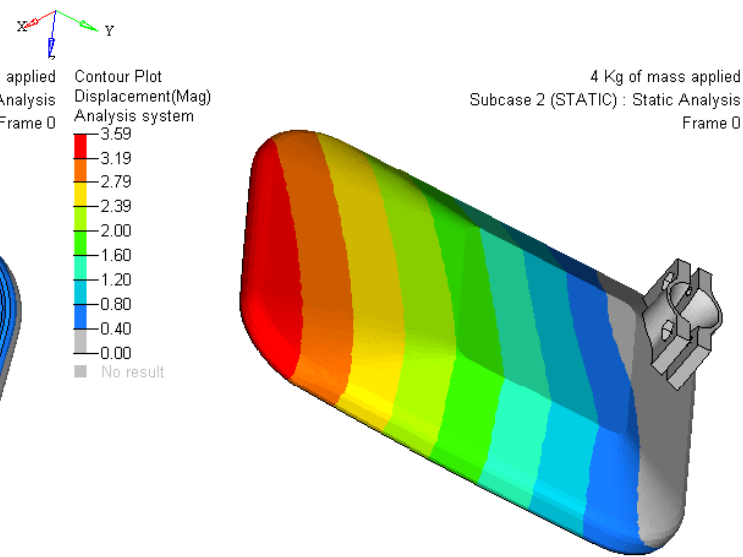
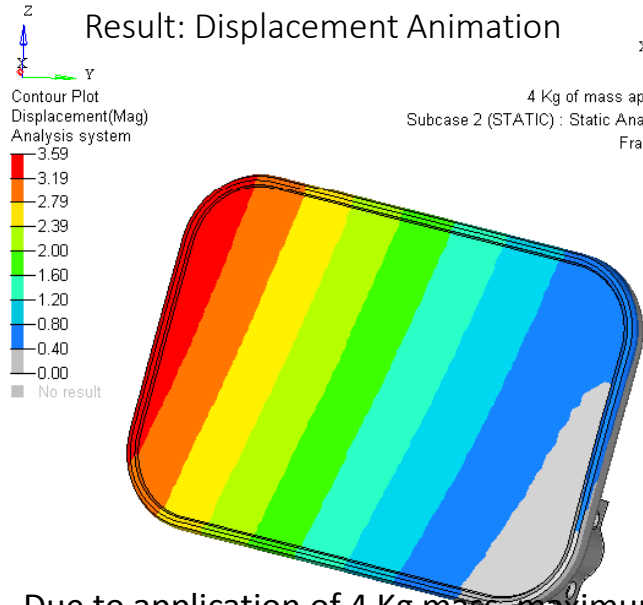


Material addition is not suggested

Material addition region



## Result: Displacement Animation



Due to application of 4 Kg mass, maximum displacement observed in mirror is about 3.59 mm at free edge and zero at fixed end

