

# Moldflow to VMAP wrapper (VMAP v.0.5.0)



## Software details:

- Using the mesh file and XML files generated by Moldflow software, the wrapper is able to generate a VMAP file containing the Geometry and the selected state variables.
- The wrapper allows to visualize the generated VMAP file in Paraview using the Wrapper.

## Supported VMAP Features :

### Meshes:

- 3D: Tetrahedral elements
- 2D: Dual mesh (shell elements)
- Multiple parts in single mesh

### Fields of state variables:

- Scalar fields (temp, pressure, ...)
- Vector fields (displacement, warpage, ...)
- 2<sup>nd</sup> order tensor fields (fibre orientations, ...)
- Time series + steady-state

