

Numerical Simulations Of Water Bottle filling In OpenFOAM

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Abstract

This case study numerically simulates the behaviour of the water inside the water bottle. The flow behaviour of the water when it filling the water bottle in the atmospheric condition is analysed. The simulation is carried out in openFOAM v7 using the solver interFOAM. The geometry is a 3-D geometry and the flow is laminar and transient.

