

# SimOps Structural Report

Component: Cylinder

Date: 2025-12-27 23:59

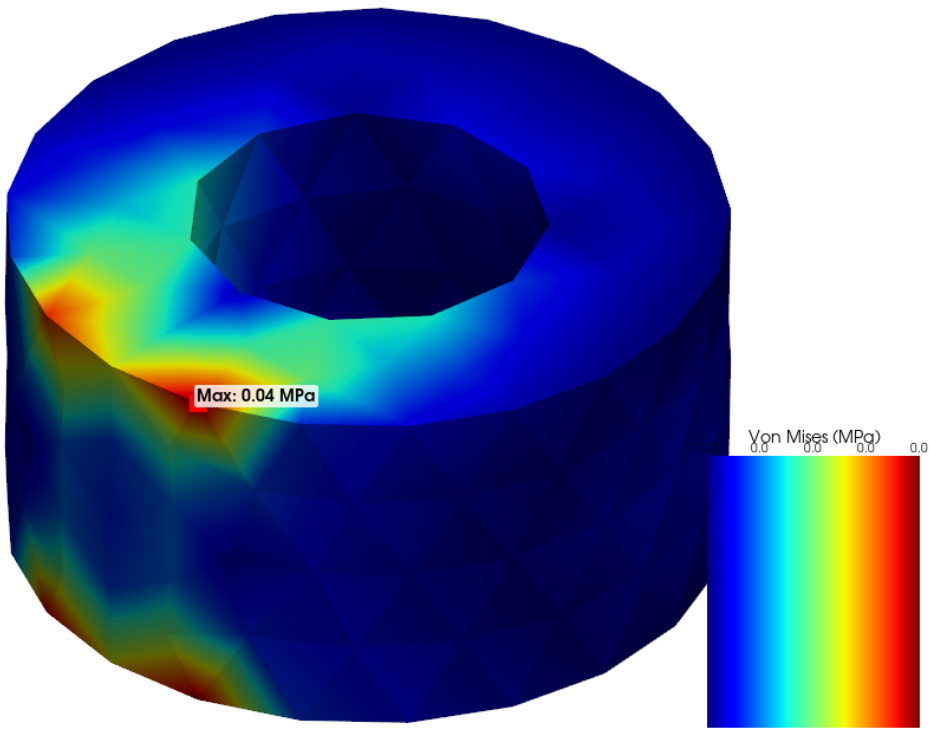
PASSED

## Analysis Metrics

Strategy:	Default
Load Case:	1.0G Z-Load
Max Von Mises Stress:	3.7678E-02 MPa
Max Displacement:	0.06 um
Safety Factor:	7325.24
Elements:	632
Nodes:	1,304

## Stress Distribution

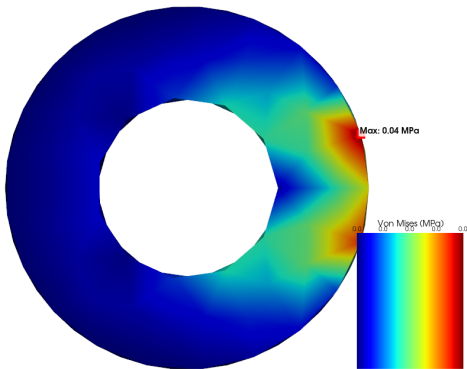
Static Structural: 1G Z-Load (Iso View)



# Additional Views

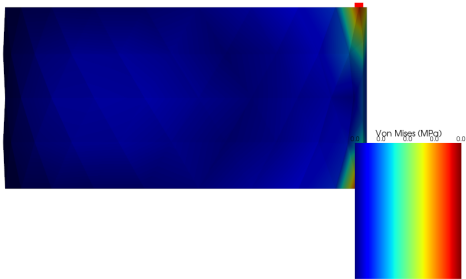
## Top

Static Structural: 1G Z-Load (Top View)



## Front

Static Structural: 1G Z-Load (Front View)



## Side

Static Structural: 1G Z-Load (Side View)

