

# SimOps Structural Report

Component: Cylinder  
Date: 2025-12-27 19:55

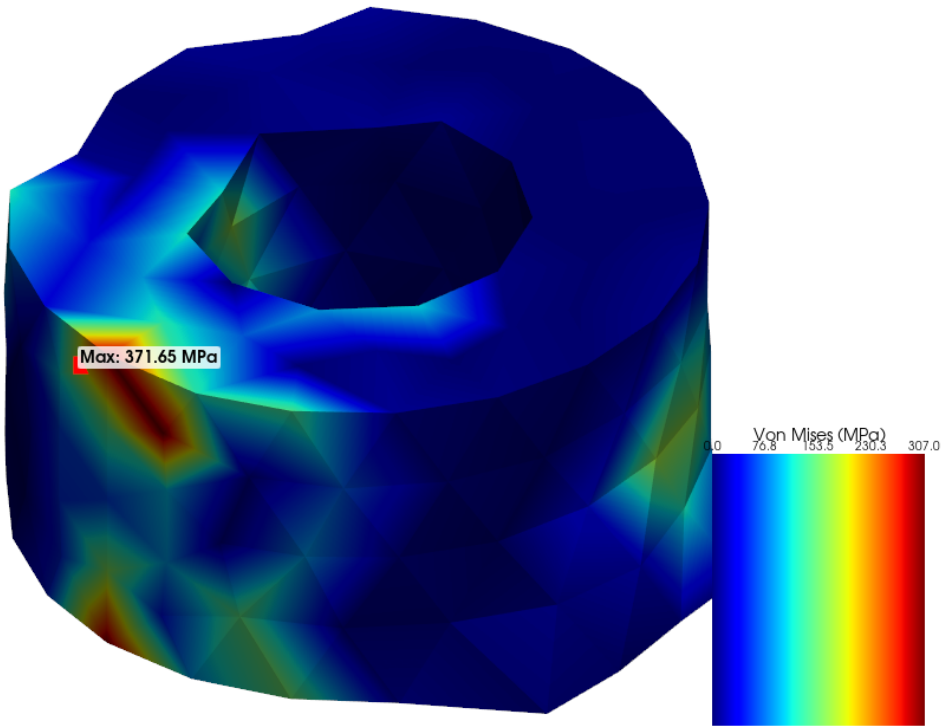
FAILED

## Analysis Metrics

Strategy:	Default
Load Case:	1.0G Z-Load
Max Von Mises Stress:	371.65 MPa
Max Displacement:	99.55 um
Safety Factor:	0.74
Elements:	624
Nodes:	1,292

## Stress Distribution

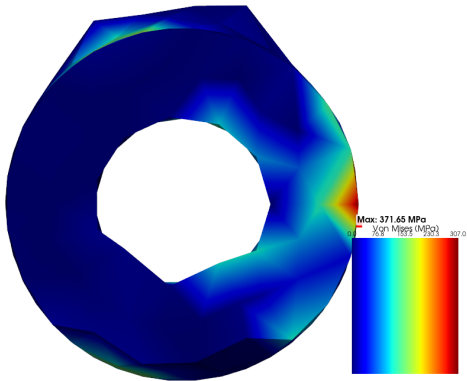
Static Structural: 1G Z-Load (Iso View)



# Additional Views

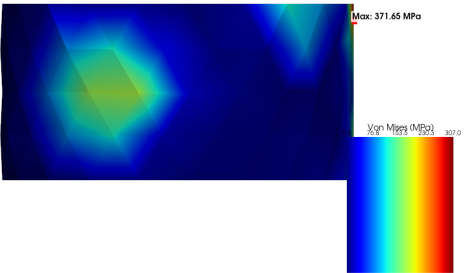
## Top

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



## Front

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



## Side

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

