

SimOps Structural Report

Component: Cylinder

Date: 2025-12-27 19:50

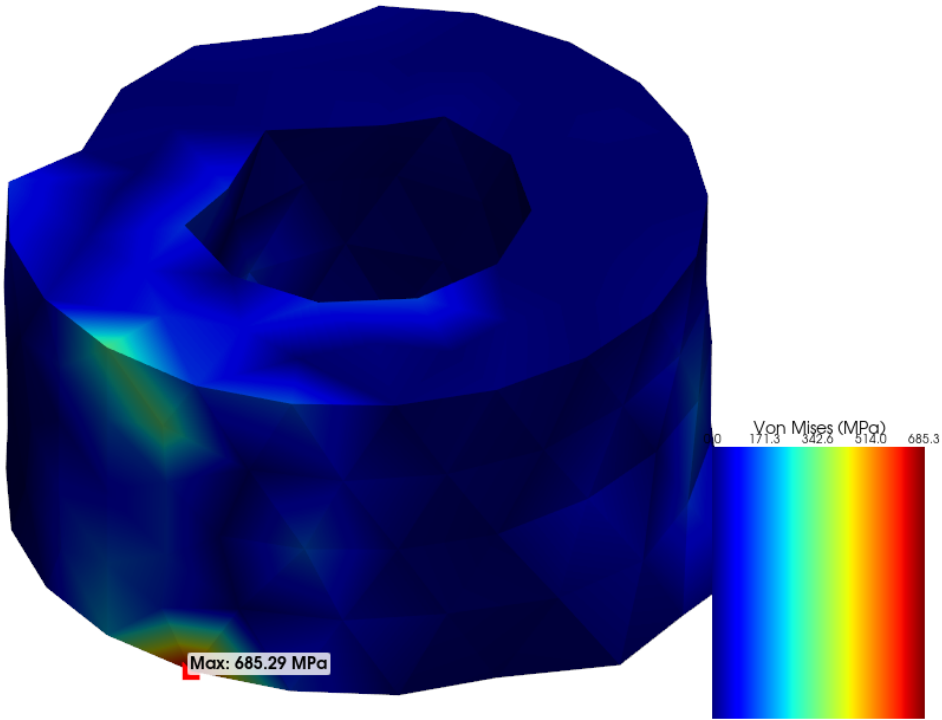
FAILED

Analysis Metrics

Strategy:	Default
Load Case:	1.0G Z-Load
Max Von Mises Stress:	685.29 MPa
Max Displacement:	99.93 um
Safety Factor:	0.40
Elements:	639
Nodes:	1,311

Stress Distribution

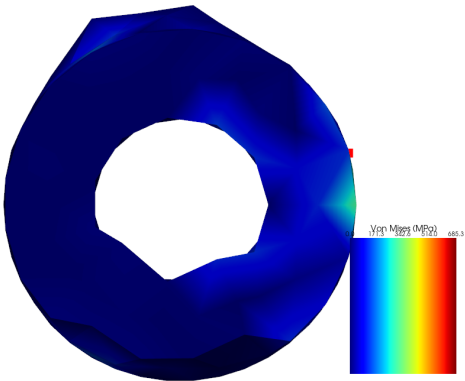
Static Structural: 1G Z-Load (Iso View)



Additional Views

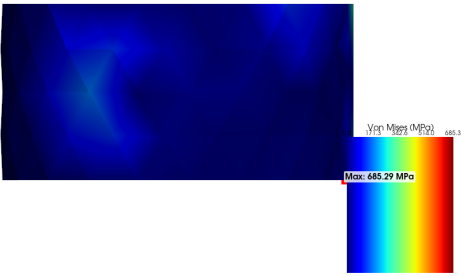
Top

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



Front

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



Side

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

