SimOps Structural Report

Component: Cylinder
Date: 2025-12-27 23:49
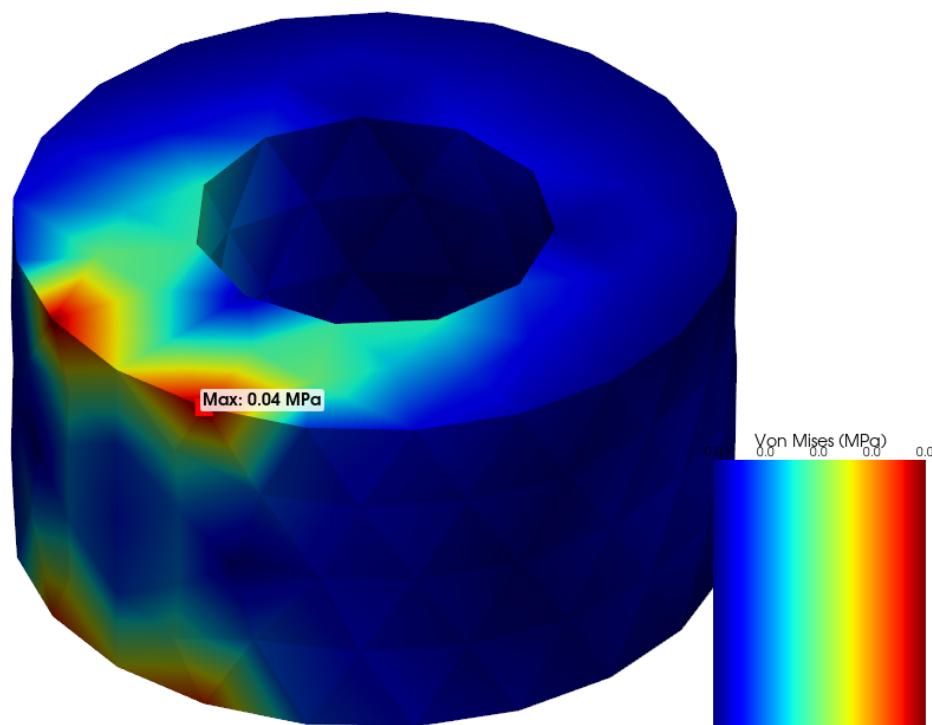
Analysis Metrics

Strategy:	Default
Load Case:	1.0G Z-Load
Max Von Mises Stress:	3.7365E-02 MPa
Max Displacement:	0.06 um
Safety Factor:	7386.58
Elements:	623
Nodes:	1,291

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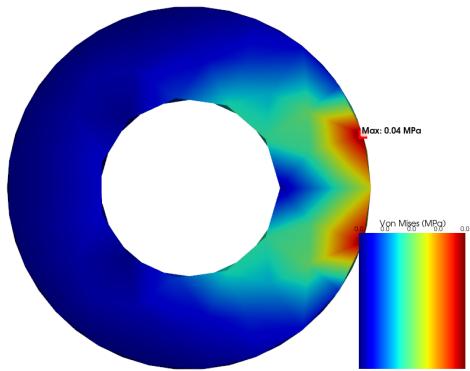
Static Structural: 1G Z-Load (Iso View)

Max: 0.04 MPa

Von Mises (MPa)
0.0   0.0   0.0   0.0

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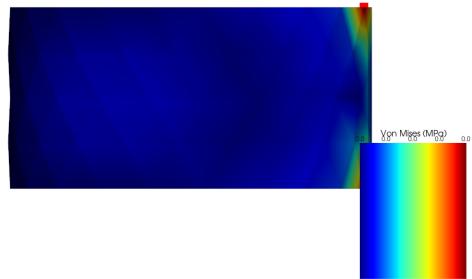
Top
Static Structural: 1G Z-Load (Top View)

Max: 0.04 MPa

Von Mises (MPa)

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

Von Mises (MPa)

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

Max: 0.04 MPa

Von Mises (MPa)