

SimOps Structural Report

Component: Cylinder
Date: 2025-12-27 18:36

FAILED

Analysis Metrics

Strategy:	Default
Load Case:	1.0G Z-Load
Max Von Mises Stress:	5977.96 MPa
Max Displacement:	9995600000000000015081782772197738708982011056767373360726055
Safety Factor:	0.05
Elements:	15,005
Nodes:	24,232

Stress Distribution

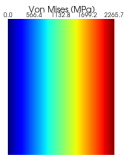
Static Structural: 1G Z-Load (Iso View)



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)

