SimOps Structural Report

Component: L_bracket

Date: 2025-12-27 19:01

<div style="text-align: right;">

FAILED

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Analysis Metrics

Strategy:	Default
Load Case:	1.0G Z-Load
Max Von Mises Stress:	340.56 MPa
Max Displacement:	4148700000000002418346981750191923448105849492146274440085271
Safety Factor:	0.81
Elements:	8,529
Nodes:	14,358

Stress Distribution

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

Max: 340.56 MPa

Von Mises (MPa)

0.0   85.1   170.3   255.4   340.6

Additional Views

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

Von Mises (MPa)
0.0   85.1   170.3   255.4   340.6
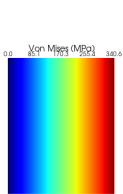
Front
Static Structural: 1G Z-Load (Front View)

Max: 340.56 MPa

Von Mises (MPa)
0.0   85.1   170.3   255.4   340.6
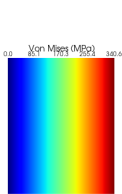
Side
Static Structural: 1G Z-Load (Side View)

Max: 340.56 MPa

Von Mises (MPa)
0.0   85.1   170.3   255.4   340.6