

# SimOps Structural Report

Component: L\_bracket  
Date: 2025-12-27 18:36

FAILED

## Analysis Metrics

Strategy:	Default
Load Case:	1.0G Z-Load
Max Von Mises Stress:	5221.75 MPa
Max Displacement:	6842700000000000043559464895915016475885331566756109269094164
Safety Factor:	0.05
Elements:	8,459
Nodes:	14,259

## 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)

