

SimOps Structural Report

Component: Cube

Date: 2025-12-27 18:36

PASSED

Analysis Metrics

Strategy:	Default
Load Case:	1.0G Z-Load
Max Von Mises Stress:	199.27 MPa
Max Displacement:	52657899999999999992835494467571137618236174502175979822659192
Safety Factor:	1.39
Elements:	33,073
Nodes:	49,475

Stress Distribution

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



Additional Views

Top

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

Max: 199.27



Front

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

Max: 199.27 MPa



Side

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

Max: 199.27 MPa

