SimOps Structural Report

Component: Cube

Date: 2025-12-27 19:01

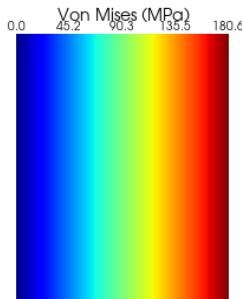## Analysis Metrics

Strategy:	Default
Load Case:	1.0G Z-Load
Max Von Mises Stress:	191.69 MPa
Max Displacement:	61557799999999996458352701233064009555847936887348339417296633
Safety Factor:	1.44
Elements:	33,174
Nodes:	49,600

Stress Distribution

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

Max: 191.69 MPa

Von Mises (MPa)

0.0   45.2   90.3   135.5   180.6

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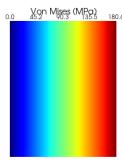
Top
Static Structural: 1G Z-Load (Top View)

Max: 191.69 MPa

Von Mises (MPa)
0.0   45.2   90.3   135.5   180.6
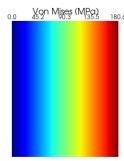
Front
Static Structural: 1G Z-Load (Front View)

Max: 191.69 MPa

Von Mises (MPa)
0.0   45.2   90.3   135.5   180.6

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

Max: 191.69 MPa

Von Mises (MPa)
0.0   45.2   90.3   135.5   180.6