SimOps Structural Report

Component: L_bracket

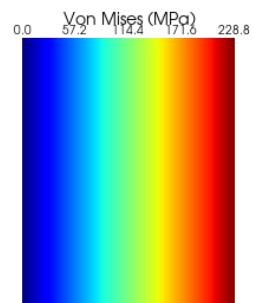Date: 2025-12-27 18:53

Analysis Metrics

Strategy:	Default
Load Case:	1.0G Z-Load
Max Von Mises Stress:	299.91 MPa
Max Displacement:	575410000000000016293540924370661972213528874505287208906220
Safety Factor:	0.92
Elements:	8,378
Nodes:	14,162

Stress Distribution

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

Von Mises (MPa)

0.0   57.2   114.4   171.6   228.8
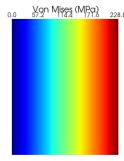
Additional Views

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

Von Mises (MPa)
0.0   57.2   114.4   171.6   228.8

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

Von Mises (MPa)
0.0   57.2   114.4   171.6   228.8

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

Von Mises (MPa)
0.0   57.2   114.4   171.6   228.8