

# SimOps Thermal Report

PASSED

Component: Cube\_test

## Thermal Metrics

Date: 2026-01-11 22:30

Strategy:	Calculix
Ambient Temperature:	25.0 °C
Heat Source:	85.0 °C
Max Temperature:	358.15 K (85.00 °C)
Min Temperature:	358.15 K (85.00 °C)
Temperature Range ( $\Delta T$ ):	0.00 K
Elements:	0
Nodes:	0

## Validation

Range: PASS (358K-358K)

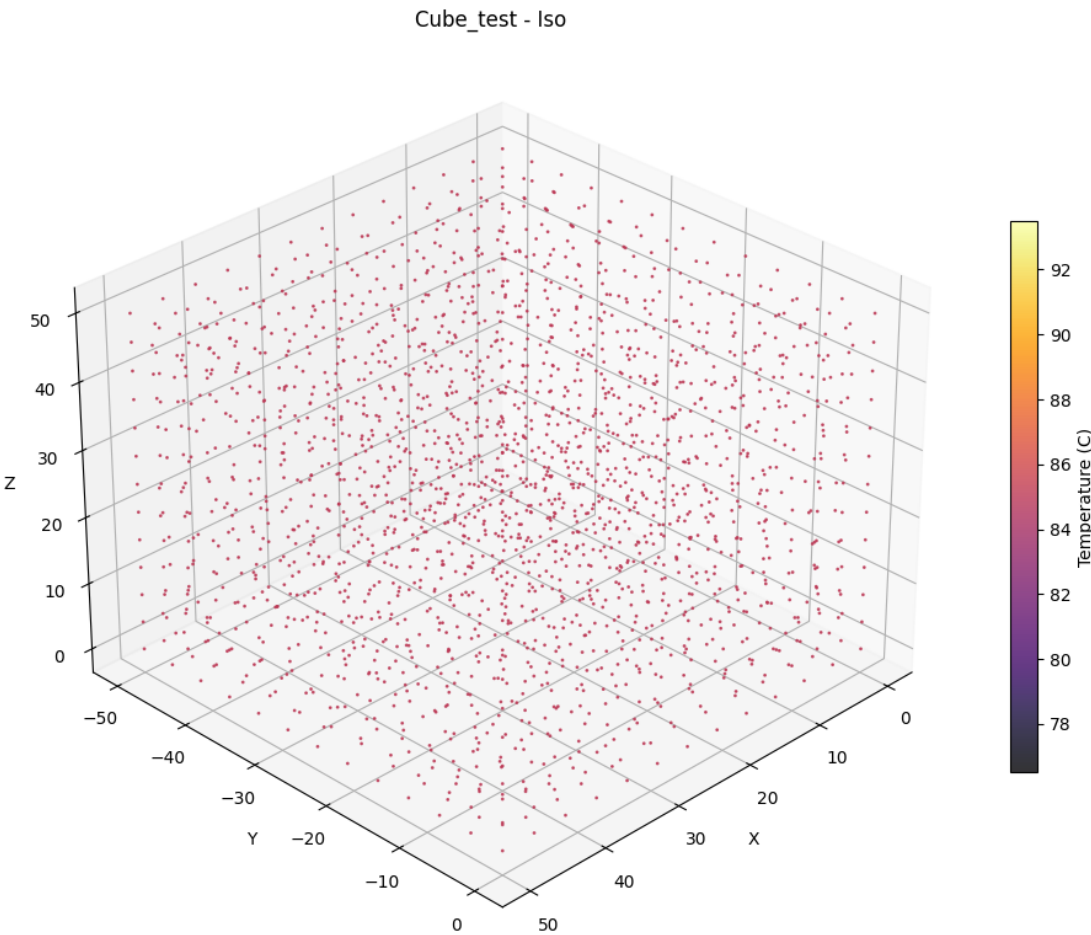
Gradient: WARN (dT=0K)

## Material: Al6061

k: 167 W/mK

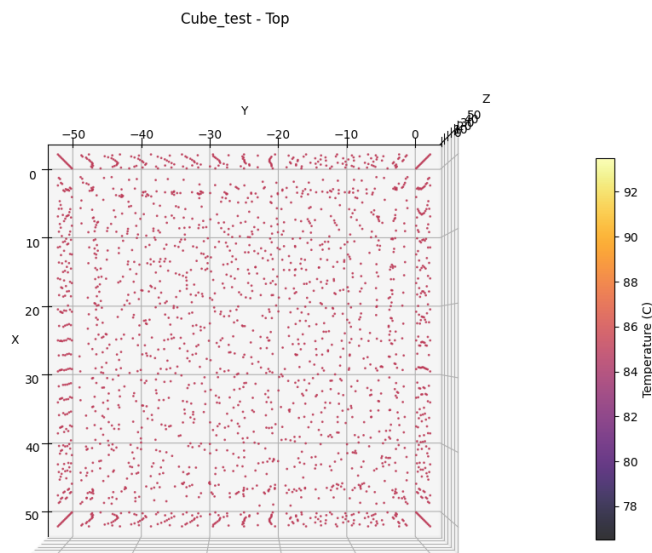
Cp: 896 J/kgK

Rho: 2700 kg/m3



# Transient Response & Additional Views

Cube\_test\_top



Cube\_test\_side

