



Simulation Summary Report

Project Title: Laminate deformation

Description: 3D, Orthotropic, Quasi-Static, Stress Analysis

Created By: pmasscasestudies

Project Created: 07/18/2023-12:24

Report Created: 10/31/2023-10:33

Analysis Type: Stress Analysis

Solver: quasi-static

Dimension: 3

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Undeformed Grid

Number of Points: 80000

min-x: 0.5

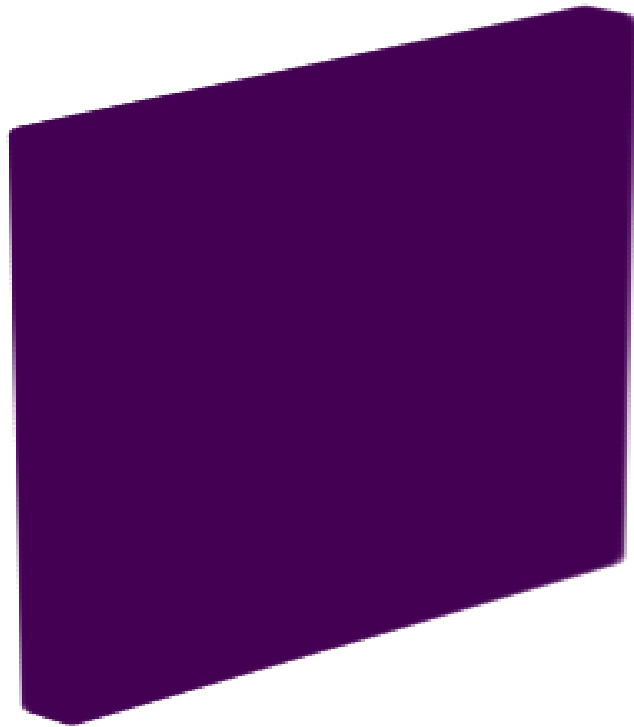
max-x: 99.5

min-y: 0.5

max-y: 7.5

min-z: 0.5

max-z: 99.5



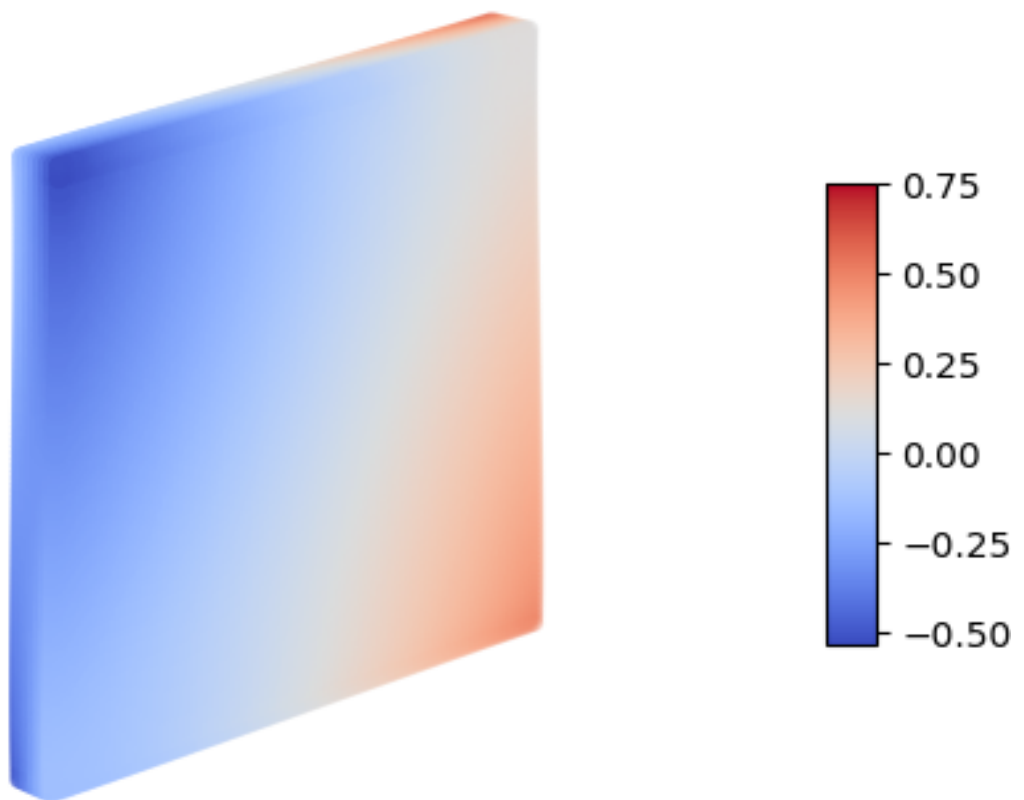
Run Name: run0

Solution Output: out_0_0

Field: u-x

min-u-x: -0.534288

max-u-x: 0.75343



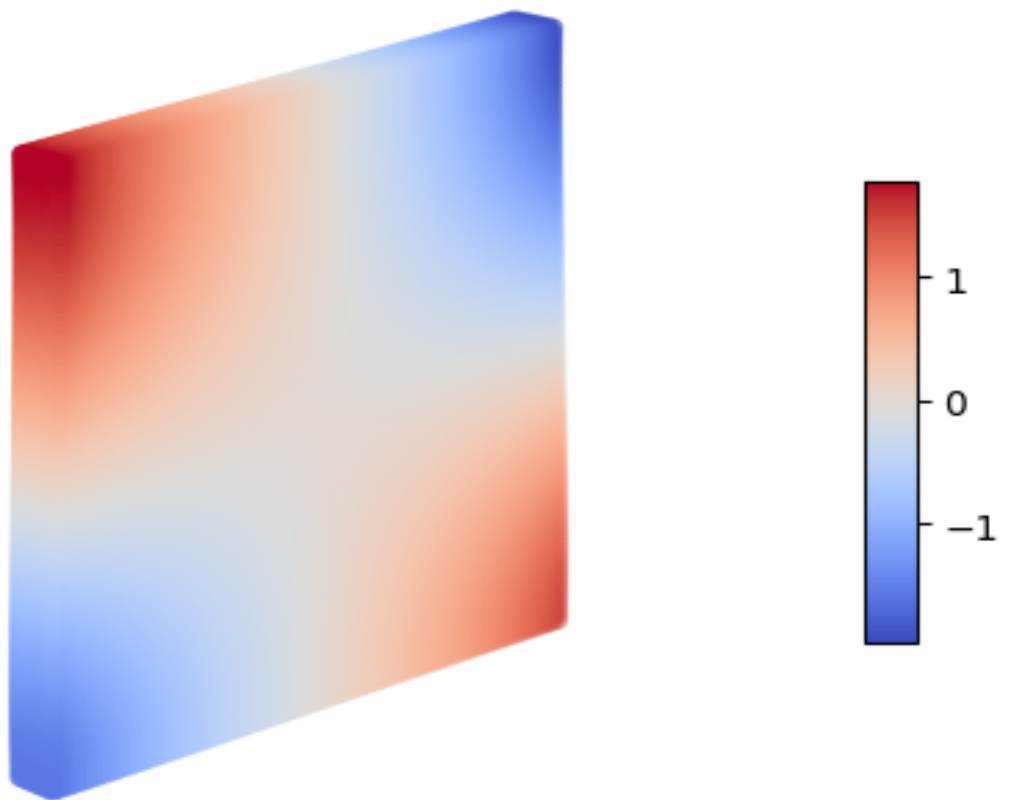
Run Name: run0

Solution Output: out_0_0

Field: u-y

min-u-y: -1.95287

max-u-y: 1.78163



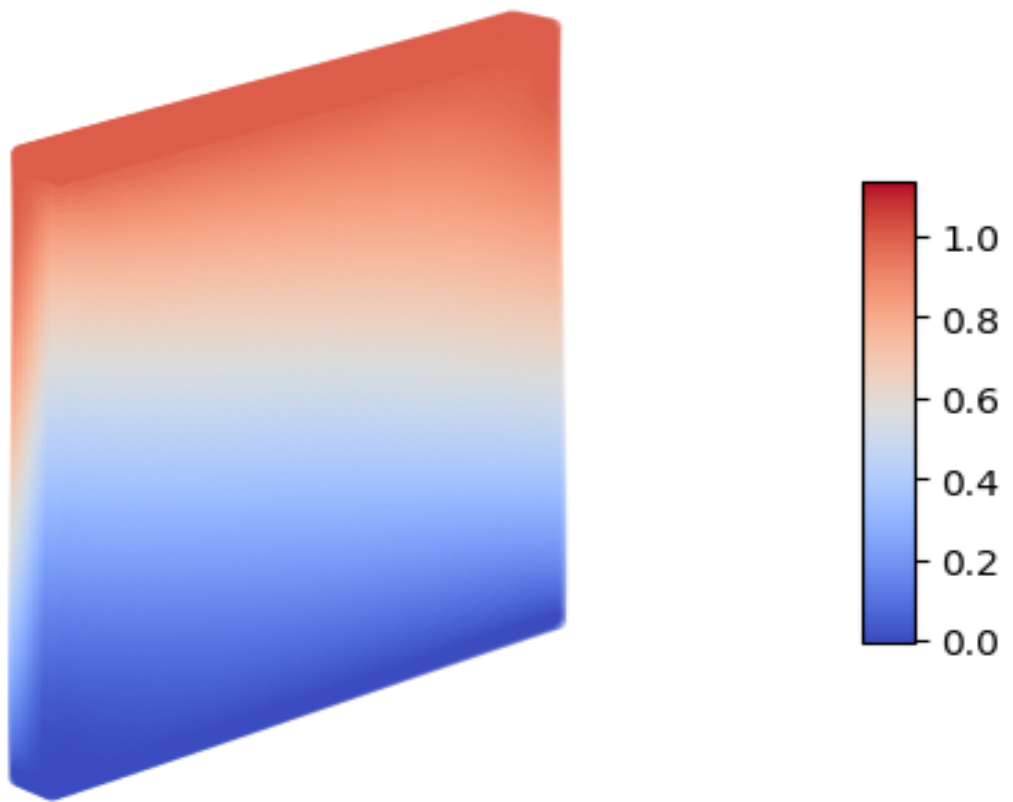
Run Name: run0

Solution Output: out_0_0

Field: u-z

min-u-z: -0.0012802

max-u-z: 1.13683



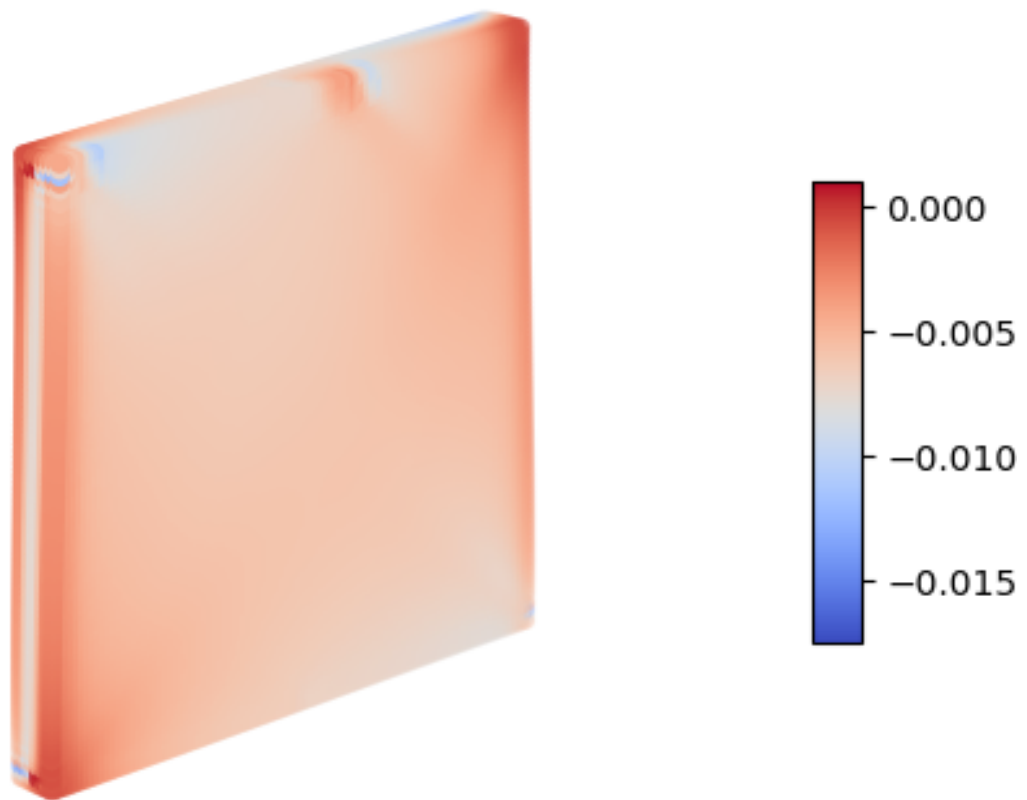
Run Name: run0

Solution Output: out_0_0

Field: e-x

min-e-x: -0.0174262

max-e-x: 0.00102037



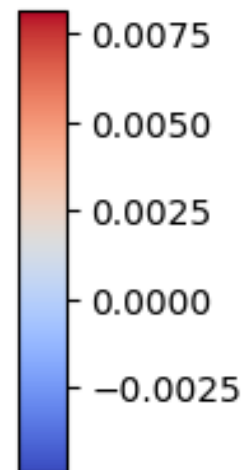
Run Name: run0

Solution Output: out_0_0

Field: e-y

min-e-y: -0.00486678

max-e-y: 0.00817011



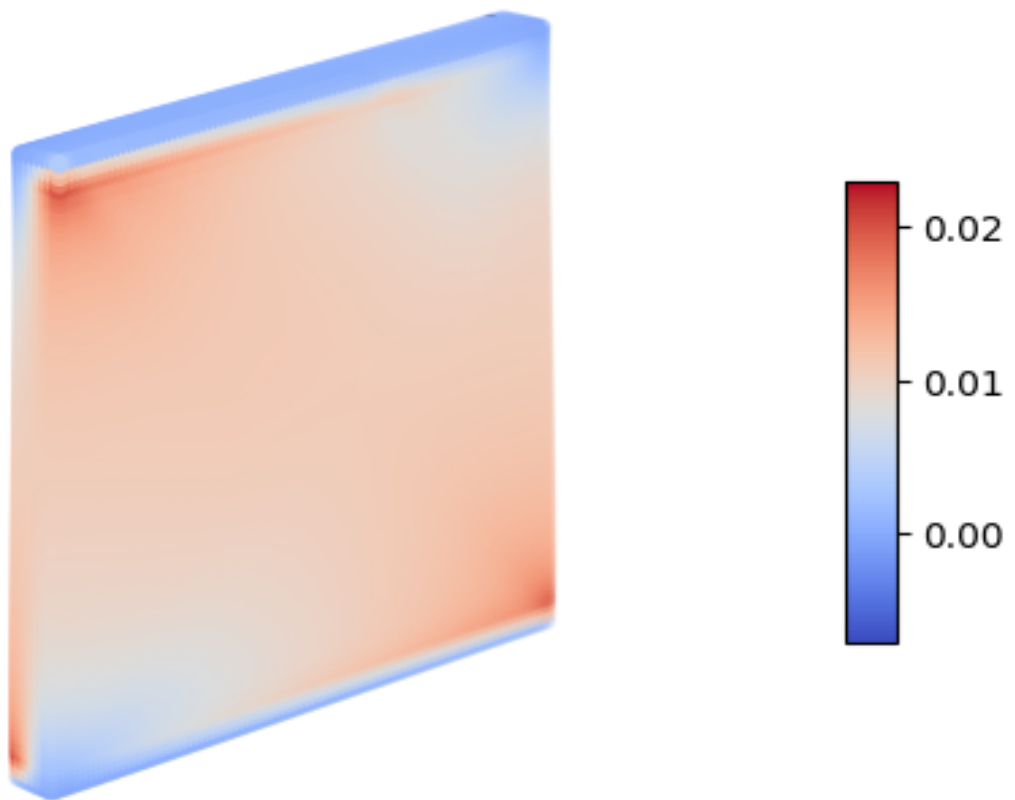
Run Name: run0

Solution Output: out_0_0

Field: e-z

min-e-z: -0.00707919

max-e-z: 0.0229679



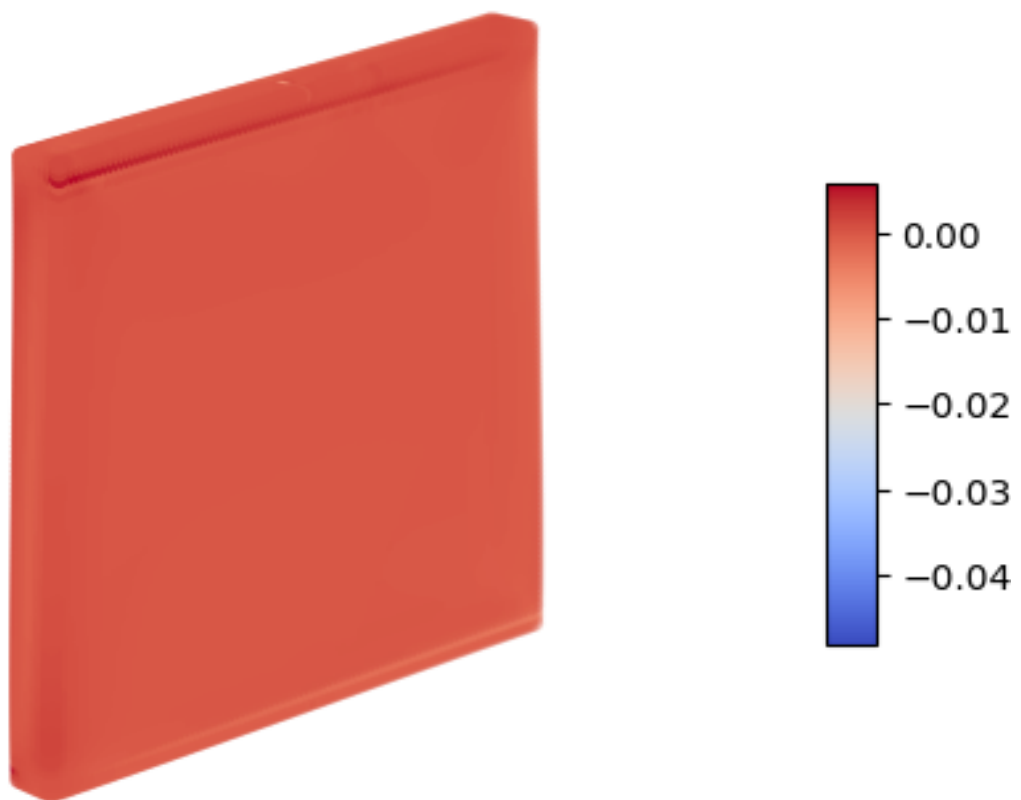
Run Name: run0

Solution Output: out_0_0

Field: e-xy

min-e-xy: -0.048066

max-e-xy: 0.00584345



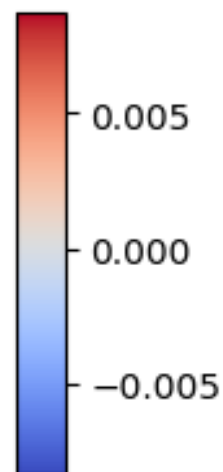
Run Name: run0

Solution Output: out_0_0

Field: e-yz

min-e-yz: -0.00831305

max-e-yz: 0.00875389



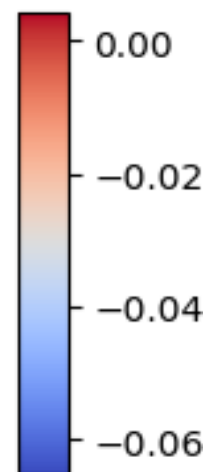
Run Name: run0

Solution Output: out_0_0

Field: e-zx

min-e-zx: -0.0649389

max-e-zx: 0.00436918



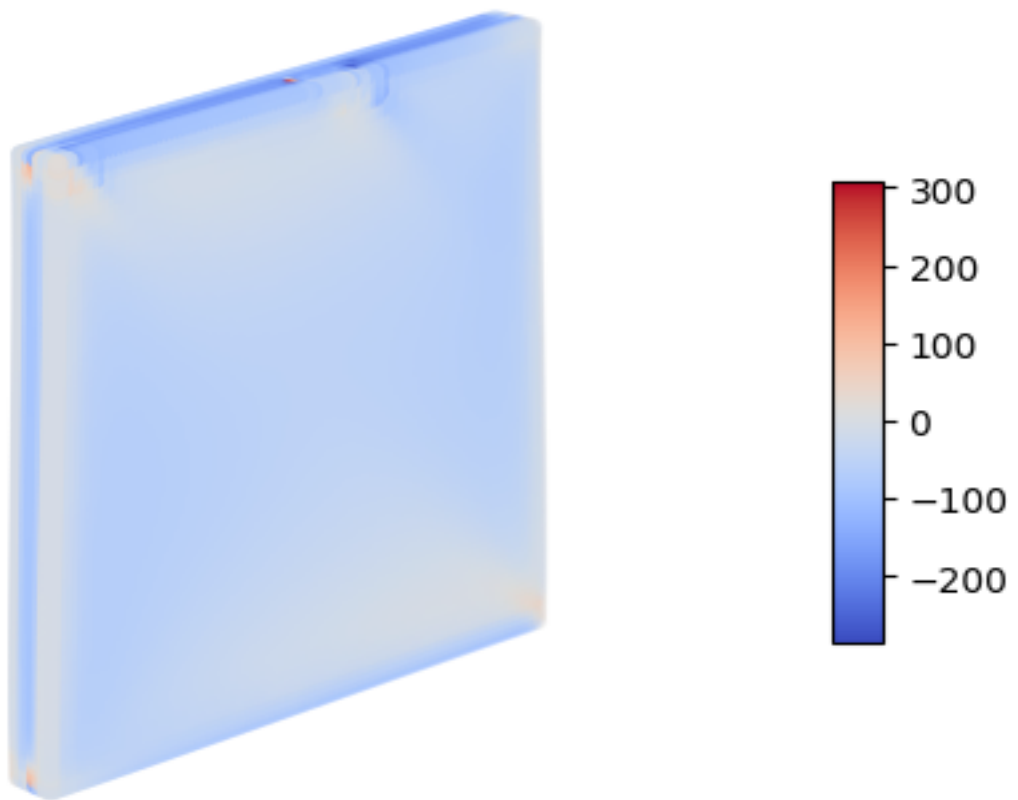
Run Name: run0

Solution Output: out_0_0

Field: s-x

min-s-x: -283.78

max-s-x: 308.356



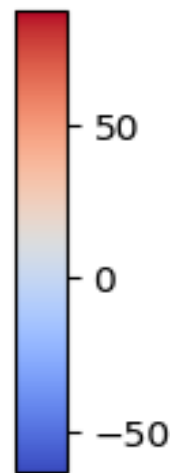
Run Name: run0

Solution Output: out_0_0

Field: s-y

min-s-y: -62.8999

max-s-y: 87.1582



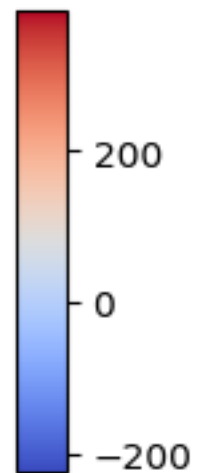
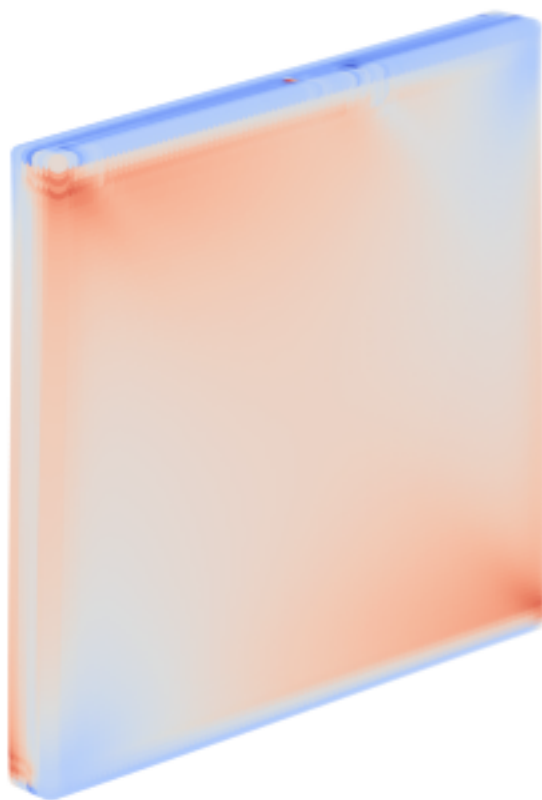
Run Name: run0

Solution Output: out_0_0

Field: s-z

min-s-z: -223.198

max-s-z: 387.091



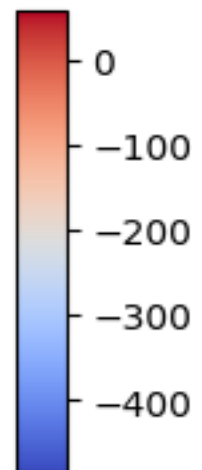
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Solution Output: out_0_0

Field: s-xy

min-s-xy: -482.582

max-s-xy: 58.6682



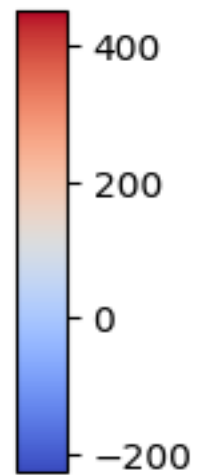
Run Name: run0

Solution Output: out_0_0

Field: s-yz

min-s-yz: -223.55

max-s-yz: 451.204



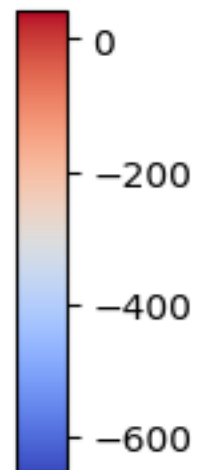
Run Name: run0

Solution Output: out_0_0

Field: s-zx

min-s-zx: -651.986

max-s-zx: 43.8666



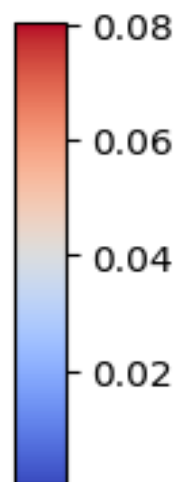
Run Name: run0

Solution Output: out_0_0

Field: e-p1

min-e-p1: 0.000450663

max-e-p1: 0.0806422



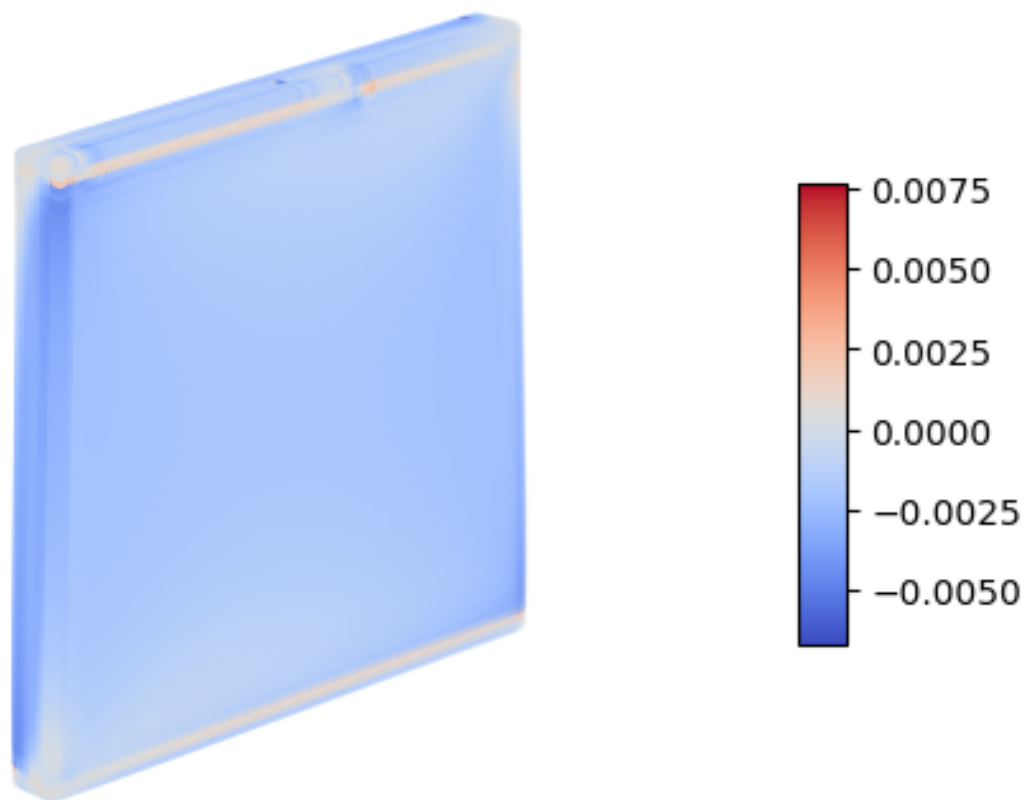
Run Name: run0

Solution Output: out_0_0

Field: e-p2

min-e-p2: -0.00669328

max-e-p2: 0.00769056



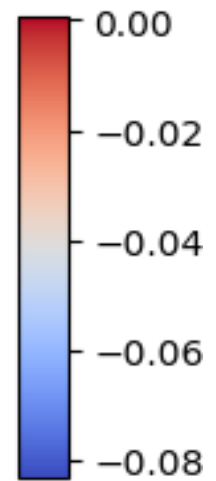
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Solution Output: out_0_0

Field: e-p3

min-e-p3: -0.0829147

max-e-p3: 0.000769242



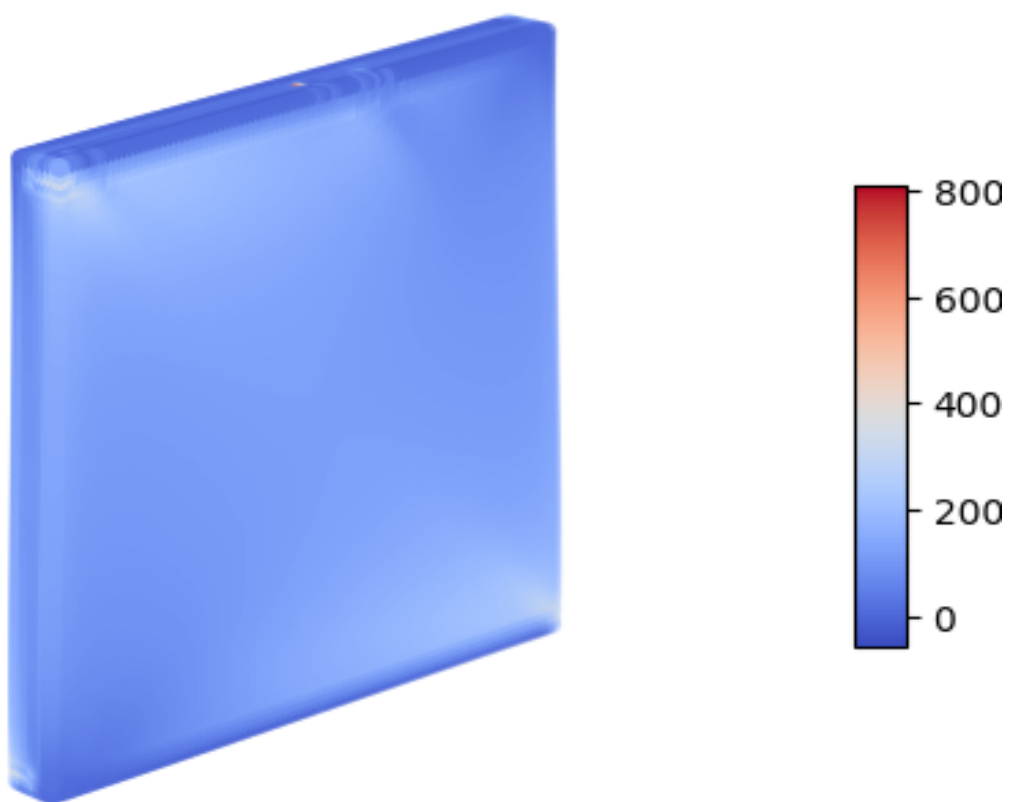
Run Name: run0

Solution Output: out_0_0

Field: s-p1

min-s-p1: -56.0417

max-s-p1: 809.771



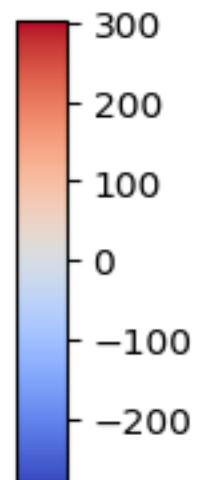
Run Name: run0

Solution Output: out_0_0

Field: s-p2

min-s-p2: -277.96

max-s-p2: 303.47



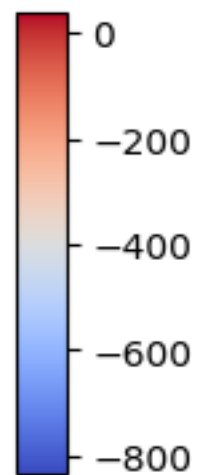
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Solution Output: out_0_0

Field: s-p3

min-s-p3: -831.462

max-s-p3: 39.4006



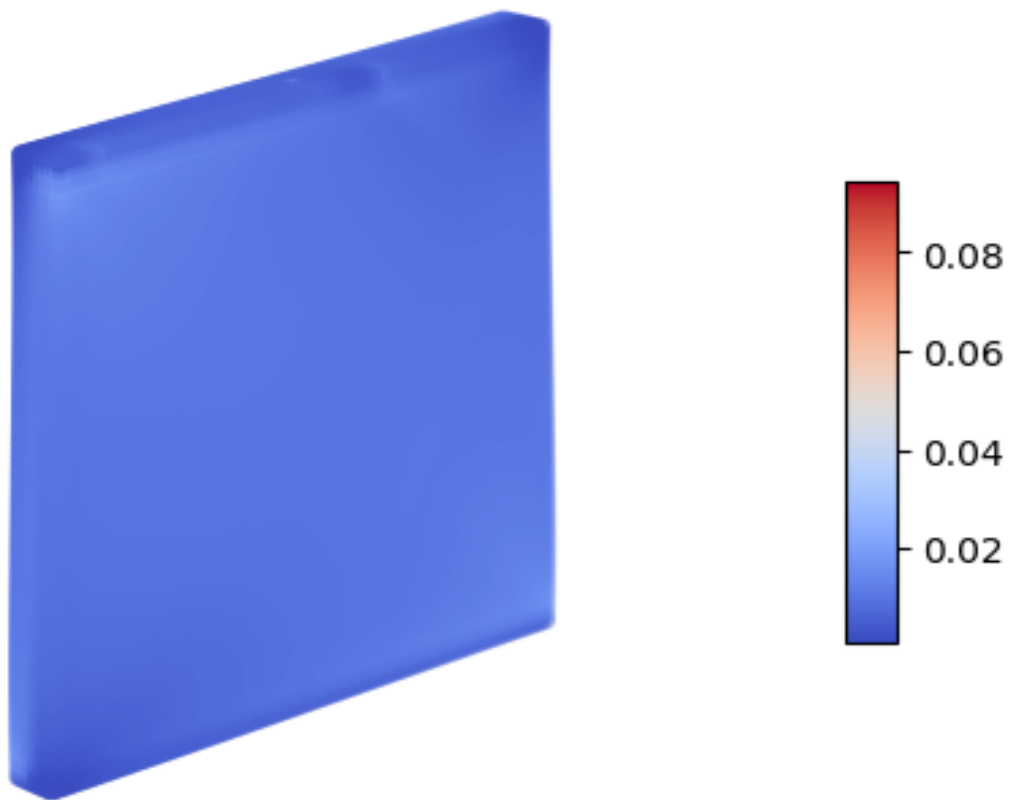
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Solution Output: out_0_0

Field: e-eq

min-e-eq: 0.0011427

max-e-eq: 0.0944535



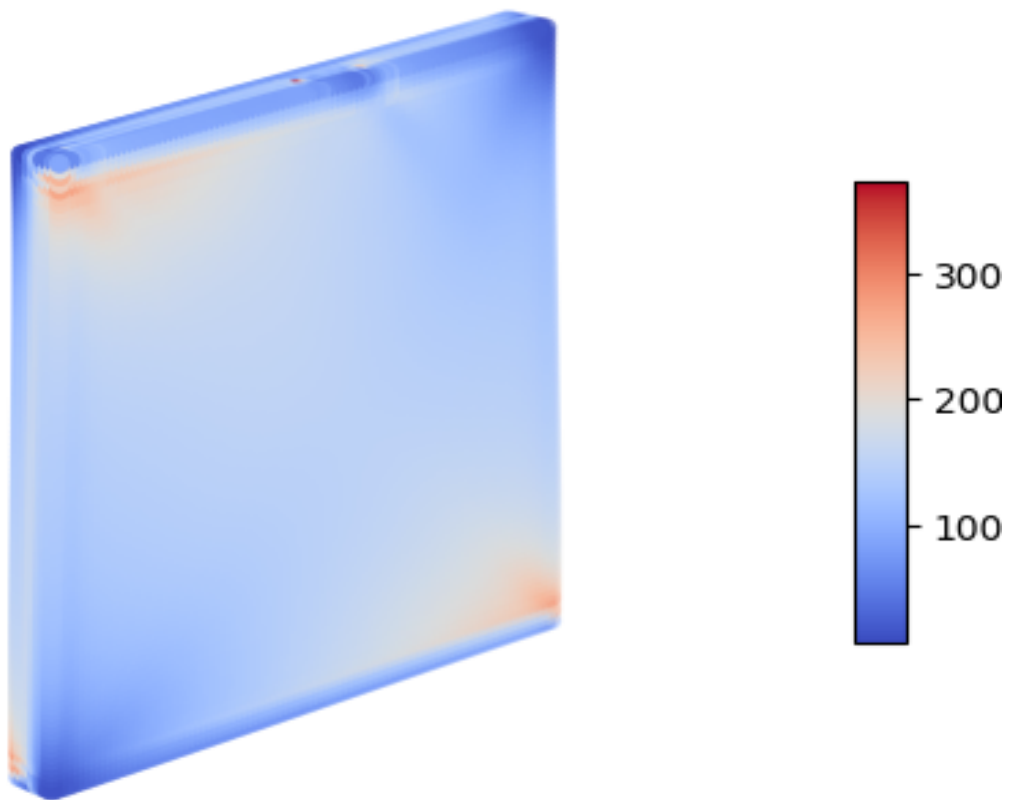
Run Name: run0

Solution Output: out_0_0

Field: s-eq

min-s-eq: 7.49281

max-s-eq: 373.118



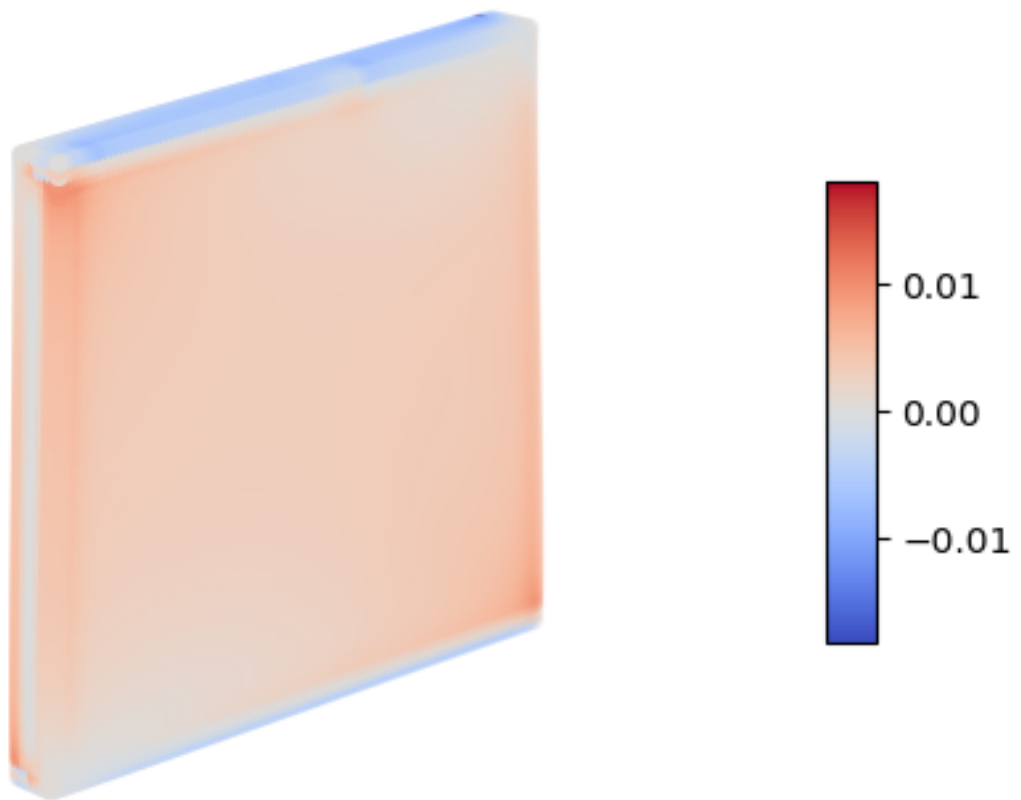
Run Name: run0

Solution Output: out_0_0

Field: e-vol

min-e-vol: -0.01814

max-e-vol: 0.0180417



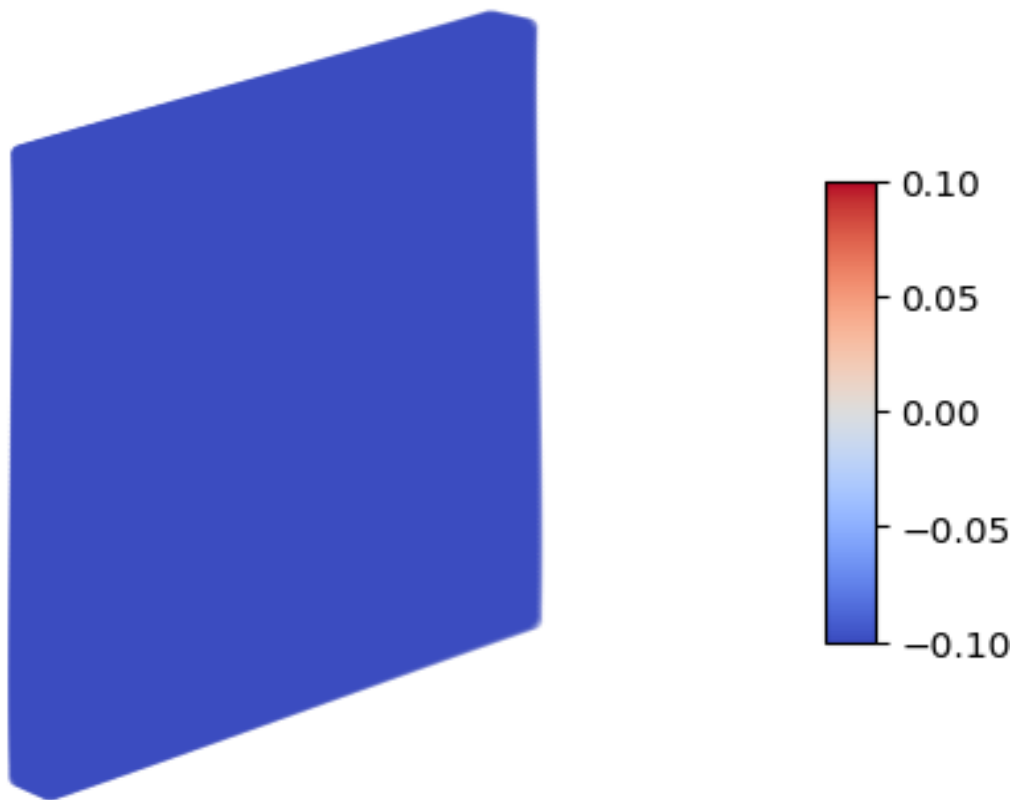
Run Name: run0

Solution Output: out_0_0

Field: damage-ini

min-damage-ini: 0.0

max-damage-ini: 0.0



Run Name: run0

Solution Output: out_0_0

Field: damage

min-damage: 0.0

max-damage: 0.0

