

Mass properties of R1_dp_Sim
Configuration: Default
Coordinate system: top_frame

Density = 2601.7781 kilograms per cubic meter

Mass (user-overridden) = 0.63 kilograms

Volume = 0.00024214 cubic meters

Surface area = 0.3019691 square meters

Center of mass: (meters)

X = -1.356e-05

Y = 0

Z = -0.00296339

Principal axes of inertia and principal moments of inertia: (kilograms * square meters)
Taken at the center of mass.

Ix = (1, -3.46e-06, -2.02e-06)

Px = 0.00607143

Iy = (3.46e-06, 1, -2.27e-06)

Py = 0.0091304

Iz = (2.02e-06, 2.27e-06, 1)

Pz = 0.01516701

Moments of inertia: (kilograms * square meters)

Taken at the center of mass and aligned with the output coordinate system.

Lxx = 0.00607143

Lxy = -1e-08

Lxz = -2e-08

lyx = -1e-08

lyy = 0.0091304

lyz = -1e-08

Lzx = -2e-08

Lzy = -1e-08

Lzz = 0.01516701

Moments of inertia: (kilograms * square meters)

Taken at the output coordinate system.

Ixx = 0.00607697

Ixy = -1e-08

Ixz = 0

Iyx = -1e-08

Iyy = 0.00913594

Iyz = -1e-08

Izx = 0

Izy = -1e-08

Izz = 0.01516701