

Mass properties of ERP03D_LINK5

Configuration: Default

Coordinate system: -- default --

Density = 2000 kilograms per cubic meter

Mass = 1.417 kilograms

Volume = 0.0007 cubic meters

Surface area = 0.057 square meters

Center of mass: (meters)

X = 0

Y = 0.0023

Z = 0.0506

Principal axes of inertia and principal moments of inertia: (kilograms * square meters)

Taken at the center of mass.

Ix = (0, -0.0184, 0.9998) Px = 0.0014

Iy = (0, -0.9998, -0.0184) Py = 0.0023

Iz = (1, 0, 0) Pz = 0.0023

Moments of inertia: (kilograms * square meters)

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

Lxx = 0.0023 Lxy = 0 Lxz = 0

Lyx = 0 Lyy = 0.0023 Lyz = 0

Lzx = 0 Lzy = 0 Lzz = 0.0014

Moments of inertia: (kilograms * square meters)

Taken at the output coordinate system.

Ixx = 0.0059 Ixy = 0 Ixz = 0

Iyx = 0 Iyy = 0.0059 Iyz = 0.0002

Izx = 0 Izy = 0.0002 Izz = 0.0014