

Mass properties of ERP03D_LINK1

Configuration: Default

Coordinate system: -- default --

Density = 2000 kilograms per cubic meter

Mass = 2.488 kilograms

Volume = 0.0012 cubic meters

Surface area = 0.0827 square meters

Center of mass: (meters)

X = 0

Y = 0.0032

Z = 0.0615

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

Taken at the center of mass.

Ix = (0, -0.0187, 0.9998) Px = 0.0034

Iy = (0, -0.9998, -0.0187) Py = 0.006

Iz = (1, 0, 0) Pz = 0.0061

Moments of inertia: (kilograms * square meters)

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

Lxx = 0.0061 Lxy = 0 Lxz = 0

Lyx = 0 Lyy = 0.006 Lyz = 0

Lzx = 0 Lzy = 0 Lzz = 0.0034

Moments of inertia: (kilograms * square meters)

Taken at the output coordinate system.

Ixx = 0.0156 Ixy = 0 Ixz = 0

Iyx = 0 Iyy = 0.0154 Iyz = 0.0004

Izx = 0 Izy = 0.0004 Izz = 0.0034