

Mass properties of Frame
Configuration: Default
Coordinate system: -- default --

The mass properties were copied from an assembly when the assembly was saved as a part.
To update the mass properties, please open the assembly and resave it as a part.

Density = 0.00 grams per cubic millimeter

Mass = 3075.49 grams

Volume = 3075486.83 cubic millimeters

Surface area = 442276.61 square millimeters

Center of mass: (millimeters)

X = -58.51

Y = 65.1

Z = 23.44

Principal axes of inertia and principal moments of inertia: (grams * square millimeters)

Taken at the center of mass.

Ix = (0.97, 0.23, 0.00) Px = 148042543.34

Iy = (-0.23, 0.97, 0.00) Py = 161893502.92

Iz = (0.00, 0.00, 1.00) Pz = 303840992.05

Moments of inertia: (grams * square millimeters)

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

Lxx = 148770475.66 Lxy = 3090740.32 Lxz = -301.10

Lyx = 3090740.32 Lyy = 16165570.60 Lyz = 319.86

Lzx = -301.10 Lzy = 319.86 Lzz = 303840992.05

Moments of inertia: (grams * square millimeters)

Taken at the output coordinate system.

Ixx = 163497044.99 Ixy = -8624775.04 Ixz = -4217254.89

Iyx = -8624775.04 Iyy = 173382353.36 Iyz = 4693089.90

Izx = -4217254.89 Izy = 4693089.90 Izz = 327406055.80