

Mass properties of P3_A_Office

Configuration: Default

Coordinate system: -- default --

Density = 0.00 grams per cubic millimeter

Mass = 1400.64 grams

Volume = 518756.89 cubic millimeters

Surface area = 13156.23 square millimeters

Center of mass: (millimeters)

X = 77.03

Y = 25.64

Z = 48.25

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

taken at the center of mass.

Ix = (0.98, 0.20, 0.00) Px = 2175852.00

Iy = (-0.20, 0.98, 0.00) Py = 1565382.01

Iz = (0.00, 0.00, 1.00) Pz = 1742636.48

Moments of inertia: (grams * square millimeters)

taken at the center of mass and aligned with the output coordinate system. (Using positive tensor notation.)

Lxx = 2539779.86 Lxy = 1812365.34 Lxz = 0.99

Lyx = 1812365.34 Lyy = 1201454.15 Lyz = 1.09

Lzx = 0.99Lzy = 1.09Lzz = 1742636.48

Moments of inertia: (grams * square millimeters)

taken at the output coordinate system. (Using positive tensor notation.)

lxx = 6721699.05 lxy = 4579067.83 lxx = 5205492.56

lyx = 4579067.83 lyy = 22772246.78 lyz = 1733097.51

lzx = 5205492.56 lzy = 1733097.51 lzz = 20973780.59