

Mass properties of P3_A_Office
Configuration: Default
Coordinate system: -- default --

Density = 0.00 grams per cubic millimeter

Mass = 1400.56 grams

Volume = 518725.68 cubic millimeters

Surface area = 131080.45 square millimeters

Center of mass: (millimeters)

X = 77.04

Y = 25.66

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 = 2174327.71

Iy = (-0.20, 0.98, 0.00) Py = 1566865.81

Iz = (0.00, 0.00, 1.00) Pz = 1742763.83

Moments of inertia: (grams * square millimeters)

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

Lxx = 2538342.17 Lxy = 1812874.28 Lxz = 0.99

Lyx = 1812874.28 Lyy = 1202851.35 Lyz = 1.09

Lzx = 0.99Lzy = 1.09Lzz = 1742763.83

Moments of inertia: (grams * square millimeters)

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

lxx = 672156.34 lxy = 4581476.03 lxz = 5205826.87

lyx = 4581476.03 lyy = 22775015.25 lyz = 1734071.53

lzx = 5205826.87 lzy = 1734071.53 lzz = 20976566.51