

Mass properties of Muslos
Configuration: Predeterminado
Coordinate system: -- default --

Density = 0.01 grams per cubic millimeter

Mass = 218.42 grams

Volume = 29920.13 cubic millimeters

Surface area = 8328.96 square millimeters

Center of mass: (millimeters)

X = -33.87

Y = 0.00

Z = 7.69

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

taken at the center of mass.

Ix = (1.00, 0.00, -0.01) Px = 21092.81

Iy = (0.00, 1.00, 0.00) Py = 101391.56

Iz = (0.01, 0.00, 1.00) Pz = 13556.40

Moments of inertia: (grams * square millimeters)

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

Lxx = 21096.08 Lxy = 0.00 Lxz = -550.21

Lyx = 0.00 Lyy = 101391.56 Lyz = 0.00

Lzx = -550.21 Lzy = 0.00 Lzz = 13553.13

Moments of inertia: (grams * square millimeters)

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

lxx = 34026.53 lxy = 0.00 lxz = -57475.10

lyx = 0.00 lyy = 364927.63 lyz = 0.00

lzx = -57475.10 lzy = 0.00 lzz = 364158.76