

Mass properties ofAlas

Configuration: Predeterminado

Coordinate system: -- default --

Density = 0.01 grams per cubic millimeter

Mass = 257.05 grams

Volume = 35212.83 cubic millimeters

Surface area = 10909.13 square millimeters

Center of mass: ( millimeters )

X = 0.00

Y = 0.44

Z = 0.00

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

taken at the center of mass.

Ix = ( 1.00, 0.00, 0.00)

Px = 10291.25

Iy = ( 0.00, 1.00, 0.00)

Py = 676850.62

Iz = ( 0.00, 0.00, 1.00)

Pz = 677722.59

Moments of inertia: ( grams \* square millimeters )

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

Lxx = 10291.25 Lxy = 0.00Lxz = 0.00

Lyx = 0.00 Lyy = 676850.62 Lyz = 0.00

Lzx = 0.00Lzy = 0.00Lzz = 677722.59

Moments of inertia: ( grams \* square millimeters )

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

lxx = 10341.62 lxy = 0.00 lxz = 0.00

lyx = 0.00 lyy = 676850.62 lyz = 0.00

lzx = 0.00 lzy = 0.00 lzz = 677772.96