

Mass properties of Piece3\_T2  
Configuration: Default  
Coordinate system: -- default --

Density = 0.01 grams per cubic millimeter

Mass = 553.63 grams

Volume = 70079.38 cubic millimeters

Surface area = 18651.38 square millimeters

Center of mass: ( millimeters )

X = -7.49

Y = -26.55

Z = 13.52

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

taken at the center of mass.

Ix = ( 0.00, 0.09, 1.00)

Px = 138368.29

Iy = ( 0.18, -0.98, 0.09)

Py = 30120.28

Iz = ( 0.98, 0.18, -0.02)

Pz = 325680.53

Moments of inertia: ( grams \* square millimeters )

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

Lxx = 324894.82

Lxy = -4322.62

Lxz = 190.26

Lyx = -4322.62

lyy = 300458.56

lyz = 15315.75

Lzx = 190.26

Lzy = 15315.75

Lzz = 139815.71

Moments of inertia: ( grams \* square millimeters )

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

lxx = 816344.54

lxy = 105778.37

lxz = -55851.54

lyx = 105778.37

lyy = 432642.19

lyz = -183360.07

lzx = -55851.54

lzy = -183360.07

lzz = 56195.63