Mass properties of Hydrogen_Blade_cand_278
Configuration: Default
Coordinate system: -- default --

Density = 0.00819 grams per cubic millimeter

Mass = 262 grams

Volume = 3.2e+04 cubic millimeters

Surface area = 1.49e+04 square millimeters

Center of mass: (millimeters)
X = 29.3
Y = 40.1
Z = -1.76

Principal axes of inertia and principal moments of inertia: (grams * square millimeters)
Taken at the center of mass.

Ix = (-0.22, 0.97, 0.08)	Px = 6.81e+04
Iy = (-0.87, -0.23, 0.43)	Py = 2.33e+05
Iz = (0.43, 0.02, 0.9)	Pz = 2.97e+05

Moments of inertia: (grams * square millimeters)
Taken at the center of mass and aligned with the output coordinate system. (Using positive tensor notation.)

Lxx = 2.37e+05	Lxy = -3.55e+04	Lxz = -2.79e+04
Lyx = -3.55e+04	Lyy = 7.71e+04	Lyz = 1.19e+04
Lzx = -2.79e+04	Lzy = 1.19e+04	Lzz = 2.84e+05

Moments of inertia: (grams * square millimeters)
Taken at the output coordinate system. (Using positive tensor notation.)

Ixx = 6.61e+05	Ixy = 2.73e+05	Ixz = -4.15e+04
Iyx = 2.73e+05	Iyy = 3.03e+05	Iyz = -6.63e+03
Izx = -4.15e+04	Izy = -6.63e+03	Izz = 9.32e+05