Mass properties of Hydrogen_Blade_cand_379
    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