Mass properties ofArm1
Configuration: SingleAssem
Coordinate system: -- default --

Density = 0.00 grams per cubic millimeter

Mass = 1153.90 grams

Volume = 427370.03 cubic millimeters

Surface area = 94555.62 square millimeters

Center of mass: (millimeters)
X = 139.65
Y = 24.74
Z = 3.16

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 = 618465.59
Iy = (0.00, 1.00, 0.02)	Py = 10197643.82
Iz = (0.00, -0.02, 1.00)	Pz = 10248923.03

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

Lxx = 618642.92	Lxy = -40468.29	Lxz = -7821.07
Lyx = -40468.29	Lyy = 10197488.55	Lyz = 930.27
Lzx = -7821.07	Lzy = 930.27	Lzz = 10248900.97

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

Ixx = 1336694.29	Ixy = 3946832.86	Ixz = 501187.50
Iyx = 3946832.86	Iyy = 32711097.49	Iyz = 91125.00
Izx = 501187.50	Izy = 91125.00	Izz = 33457533.22