Mass properties ofArm2
Configuration: SingleAssem
Coordinate system: -- default --

Density = 2700.0000 kilograms per cubic meter

Mass = 1.1539 kilograms

Volume = 0.0004 cubic meters

Surface area = 0.0946 square meters

Center of mass: (meters)
X = 0.1396
Y = 0.0247
Z = 0.0032

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

Ix = (1.0000, -0.0042, -0.0008)	Px = 0.0006
Iy = (0.0042, 0.9998, 0.0175)	Py = 0.0102
Iz = (0.0007, -0.0175, 0.9998)	Pz = 0.0102

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

Lxx = 0.0006	Lxy = 0.0000	Lxz = 0.0000
Lyx = 0.0000	Lyy = 0.0102	Lyz = 0.0000
Lzx = 0.0000	Lzy = 0.0000	Lzz = 0.0102

Moments of inertia: (kilograms * square meters)
Taken at the output coordinate system.

Ixx = 0.0013	Ixy = 0.0039	Ixz = 0.0005
Iyx = 0.0039	Iyy = 0.0327	Iyz = 0.0001
Izx = 0.0005	Izy = 0.0001	Izz = 0.0335