



WORLD CLASS CAD

Reference Material – Density Chart for Common Materials

January 2008

Material	Density	
	English	Metric
	(lbs per cubic inches)	(grams per cubic cm)
Acrylic	0.042	1.163
Aluminum, 6061	0.098	2.713
Aluminum, cast	0.097	2.685
Brass, free cutting	0.307	8.498
Cast Iron	0.252	6.975
Copper	0.323	8.941
Polycarbonate	0.043	1.190
Stainless steel	0.302	8.359
Steel, 1010	0.284	7.861
Teflon	0.078	2.159
Wood – pine	0.023	0.650
Zinc, cast	0.240	6.643

Instructional Material Provided by World Class CAD © 2008. All Rights Reserved.

257 N. Main Street
Wellington Ohio 44090
(440) 225-9362

1147 Rice Ave
Gahanna, Ohio 43230
(614) 471-2917