



Chicago Bronze

Cast Right. Machine Tight. Since 1980.

Alloy C95400 (Al Bronze)

Composition (wt.%)		Mechanical Properties	
Element	Wt.%	Property	Value
Cu	83.00%	Density	7600 kg/m ³
Al	10.50%	Hardness (BHN)	170
Fe	3.50%	UTS	655 MPa
Mn	1.00%	Yield (0.2%)	310 MPa
		Elongation	12 %
		Machinability	Fair (rating 2)

Applications	Standards
General purpose wear rings, high strength bushings, gears, pump housings, valve seats.	ASTM B148
	ASTM B271
	ASTM B505

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Values are typical. Verify against relevant ASTM/AMS standards. © Chicago Bronze.