

## White Brass

Copper Alloy Number	Composition (% maximum except as indicated)										Sand Cast Mechanical Properties				Pour Temperature	
	Copper (Cu)	Tin (Sn)	Lead (Pb)	Zinc (Zn)	Iron (Fe)	Nickel (Ni)	Aluminum (Al)	Manganese (Mn)	Other	Total Named Elements	Tensile ksi	Yield ksi	Elongation %	Brinell 500 kg Load	Light Castings	Heavy Castings
C99300	balance	0.05	0.02		0.40-1.0	13.5-16.5	10.7-11.5		1.0-2.0 Co 0.02 Si	99.7	check CDA for typical props					
C99350	balance		0.15	7.5-9.5	1.0	14.5-16.0 incl Co	9.5-10.5	0.25		99.7	none available					
C99400	balance		0.09	0.50-5.0	1.0-3.0	1.0-3.5	0.50-2.0	0.50	0.50-2.0 Si	99.7	60	30	20			
C99500	balance		0.09	0.50-2.0	3.0-5.0	3.5-5.50	0.50-2.0	0.50	0.50-2.0 Si	99.7	70	40	12			
C99600	balance	0.10	0.02	0.20	0.20	0.20	1.0-2.8	39.0-45.0	0.05 C 0.20 Co 0.10 Si	99.7	none available					
C99700	54.0 min	1.0	2.0	19.0-25.0	1.0	4.0-6.0	0.50-3.0	11.0-15.0		99.7	check CDA for typical props				1900-2100 DC: 1700 -1800	1800-1900
C99750	55.0-61.0		0.50-2.5	17.0-23.0	1.0	5.0	0.25-3.0	17.0-23.0		99.7	none available					