



Application Datasheet

Standard Designation for Cast Copper Alloys

Revision Date: May 13, 2024

Cast Copper Alloys: Nickel Silvers (C97000 - C97999)

* = are alloys registered with the U.S. EPA as Antimicrobial.

UNS #	Cu		Pb		Sn		Zn		Fe		P		Ni		Al		Mn		S		Sb		Si		Other Named Elements		Status
	Min%	Max%	Min%	Max%	Min%	Max%	Min%	Max%	Min%	Max%	Min%	Max%	Min%	Max%	Min%	Max%	Min%	Max%	Min%	Max%	Min%	Max%	Min%	Max%	Min%	Max%	
C97300	53.0	58.0 ⁽¹⁾	8.0	11.0	1.5	3.0	17.0	25.0		1.5		0.05	11.0 ⁽²⁾	14.0		0.005		0.50		0.08		0.35		0.15			active
C97400	58.0 ⁽¹⁾	61.0	4.5	5.5	2.5	3.5		Rem		1.5			15.5	17.0 ⁽²⁾			0.50										active
C97600	63.0 ⁽³⁾	67.0	3.0	5.0	3.5	4.5	3.0	9.0		1.5		0.05	19.0	21.5 ⁽²⁾		0.005		1.0		0.08		0.25		0.15			active
C97800	64.0	67.0 ⁽⁴⁾	1.0	2.5	4.0	5.5	1.0	4.0		1.5		0.05	24.0	27.0 ⁽²⁾		0.005		1.0		0.08		0.20		0.15			active

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(1) = Cu + Sum of Named Elements 99.0% min.

(2) = Ni value includes Co.

(3) = Cu + Sum of Named Elements 99.7% min.

(4) = Cu + Sum of Named Elements 99.6% min.