



Application Datasheet

Standard Designation for Cast Copper Alloys

Revision Date: November 20, 2025

Coppers (C80000 - C81399)

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

UNS #	Cu		P		Other Named Elements		Status
	Min%	Max%	Min%	Max%	Min%	Max%	
C80100*	99.95 ⁽¹⁾						active
C80300* Copper Alloy	99.95 ⁽¹⁾				0.034 Ag	0.02 As	inactive 03/92
C80410*	99.9 ⁽¹⁾						active
C80500* Copper Alloy	99.75 ⁽¹⁾				0.034 Ag	0.02 B	inactive 03/92
C80700* Copper Alloy	99.75 ⁽¹⁾					0.02 B	inactive 03/92
C80900* Copper Alloy	99.70 ⁽¹⁾				0.034 Ag		inactive 03/92
C81100*	99.70 ⁽¹⁾						active
C81200*	99.9 ⁽¹⁾		0.045	0.065			active
C81300* Copper Alloy	98.5 ⁽¹⁾⁽²⁾				0.02 Be 0.6 Co	0.10 Be 1.0 Co	inactive 03/92

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(1) = Cu value includes Ag.

(2) = Cu + Sum of Named Elements 99.5% min.