

Lead-Free Product List

Copper Alloy UNS No.	Cu%	Pb%	Sn%	Zn%	Fe%	P%	Ni% ⁴	Al%	Bi%	Mn%	S%	Sb%	Si%
C87850	75.00- 78.00	0.02 ² - 0.09	0.30	Rem.	0.10	0.05- 0.20	0.20			0.10		0.10	2.70- 3.40
C89325	84.00- 88.00	0.10	9.00- 11.00	1.00	0.15	0.10	1.00	0.005	2.70- 3.70		0.08	0.50	0.005
C89831	87.00- 91.00	0.10	2.70- 3.70	2.00- 4.00	0.30	0.05	1.00	0.005	2.70- 3.70		0.08	0.25	0.005
C89833	86.00- 91.00	0.09	4.00- 6.00	2.00- 6.00	0.30	0.05	1.00	0.005	1.70- 2.70		0.08	0.25	0.005
C89835*	85.00- 89.00	0.09	6.00- 7.50	2.00- 4.00	0.20	0.10	1.00	0.005	1.70- 2.70		0.08	0.35	0.005
C89844	83.00- 86.00	0.20	3.00- 5.00	7.00- 10.00	0.30	0.05	1.00	0.005	2.00- 4.00		0.08	0.25	0.005
C90300*	86.00- 89.00 ¹	0.30	7.50- 9.00	3.00- 5.00	0.20	1.50	1.00 ¹	0.005			0.05	0.20	0.005
C90800	85.00- 89.00 ¹	0.25	11.00- 13.00	0.25	0.15	0.30	0.50	0.005			0.05	0.20	0.005
C90810	Rem. ¹	0.25	11.00- 13.00	0.30	0.15	0.15- 0.80 ³	0.50	0.005			0.05	0.20	0.005
C95400*	83.00 min				3.00- 5.00		1.50	10.00- 11.50		0.50			
C95500*	78.00 min				3.00- 5.00		3.00- 5.50	10.00- 11.50		3.50			
C95900*	Rem.				3.00- 5.00		0.50	12.00- 13.50		1.50			

*Standard-stocked alloy. ¹In determining Cu min., Cu may be calculated as Cu + Ni. ²Pb content is greater than 0.02%.

³For continuous castings, P shall be 1.5% max. ⁴Ni value includes Co.

Note: Unless otherwise noted, single values represent maximums.