

# ANSONIA COPPER & BRASS, INC.

P. O. BOX 109 • ANSONIA, CONNECTICUT 06401

Phone: 203-732-6600 • Toll Free U.S.A. 800-521-1703 • Fax 203-735-3787

## PRODUCTS LIST

Ansonia Alloy No.	CDA UNS No.	I.S.O. or Equivalent	Description	Nominal Composition	Forms Available Rod, Wire, Flat Wire, Tube, Shape	ASTM Specifications [Other Commercial]
10100	C10100	CuOFE	Certified Oxygen Free Copper	99.99Cu	Rod, Wire, Flat Wire, Shape	B187, B272
1015	C10100	CuOFE	Electronic Grade Certified Copper	99.99Cu	Rod, Wire, Flat Wire, Shape	B187, F68
10200	C10200	CuOF	Oxygen Free Copper	99.95Cu	Rod, Wire, Flat Wire, Shape	B187, B272
10300	C10300	CuP	Low Phos Deoxidized Copper	99.9Cu, .003P	Tube	B302, B42, B75
11000	C11000	CuETP	ETP Copper	99.9Cu	All Forms	B124, B187, B188, B272
14500	C14500	CuTe	Tellurium Copper – 85% IACS	99.5Cu, .5TE	Rod, Wire, Shape	B301, B124
14520	C14520	CuTe	Tellurium Copper – 75% IACS	99.5Cu, .5TE	Rod, Wire, Shape	B301
15000	C15000	CuZr	Zirconium Copper	99.85Cu, .15Zr	Rod, Wire	[RWMA 16 Class 1]
16200	C16200	CuCd1	Cadmium Copper – Hitenso	99Cu, 1Cd	Rod, Wire, Flat Wire	B105, B9 (Alloy 80)
16500	C16500	CuCdSn	Cadmium Tin Copper – Hitenso	98.6Cu, .8Cd, .6Sn	Rod, Wire	B105, B9 (Alloy 55)
18150	C18150	CuCr1Zr	Chrome Zirconium Copper	98.9Cu, 1Cr, .1Zr	Rod, Wire, Shape	[RWMA 16 Class 2]
18200	C18200	CuCr1	Chromium Copper	99Cu, 1Cr	Rod, Wire, Shape	[RWMA 16 Class 2]
18700	C18700	CuPb1	Leaded Copper	99Cu, 1Pb	Rod, Wire	B301
1880	---	CuSn	Tin Copper	99.8Cu, .2Sn	Wire	---
18900	C18900	CuSnSiMn	ACB Copper (Deoxidized) (RCu)	98.7Cu, .8Sn, 3Si, 2Mn	Rod, Wire	[AWS A5.7, A5.27]
19140	C19140	CuNi1Pb	Low Leaded Nickel Copper	98.2Cu, .6Pb, 1Ni, .2P	Rod, Wire	---
19160	C19160	CuNi1Pb1	Leaded Nickel Copper	97.8Cu, 1Pb, 1Ni, .2P	Rod, Wire	---
21000	C21000	CuZn5	Gilding Bronze	95Cu, 5Zn	All forms	B134
22000	C22000	CuZn10	Commercial Bronze	90Cu, 10Zn	All forms	B134, B135
22600	C22600	CuZn13	Jewelry Bronze	87.5Cu, 12.5Zn	Rod, Wire, Shape	B134
23000	C23000	CuZn15	Red Brass	85Cu, 15Zn	All Forms	B134, B135, B43
23400	C23400	CuZn17	Red Brass Welding Filler Metal	82.5Cu, 17.5Zn	Rod, Wire	B134
24000	C24000	CuZn20	Low Brass	80Cu, 20Zn	Rod, Wire, Flat Wire	B134
26000	C26000	CuZn30	Cartridge Brass (70-30 Brass)	70Cu, 30Zn	Rod, Wire, Flat Wire, Shape	B134
27000	C27000	CuZn35	Yellow Brass	65Cu, 35Zn	Rod, Wire, Flat Wire, Shape	B134
27200	C27200	CuZn36	Yellow Brass	63.5Cu, 36.5Zn	Tube	B135
31400	C31400	CuZn9Pb2	Leaded Commercial Bronze	89Cu, 9.1Zn, 1.9Pb	Rod, Wire	B140
31600	C31600	CuZn8Pb2Ni	Hi-Strength Leaded Bronze	89.5Cu, 7.6Zn, 1.8Pb, 1Ni	Rod, Wire	B140
3180	---	CuZn9NiTe	Lead-Free Machinable Bronze	89Cu, 9Zn, 1Ni, .6Te	Rod, Wire	---
32000	C32000	CuZn13Pb2	Leaded Red Brass	85.0Cu, 13.2Zn, 1.8Pb	Rod, Wire	B140
34000	C34000	CuZn35Pb1	Medium Leaded Brass	63.5Cu, 35.4Zn, 1.1Pb	Rod, Wire	B453

**Note: Please consult mill for availability of alloys not listed on this document.**

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3440	---	CuZn36Pb	Special Low Leaded Brass	64Cu, 35Zn, .75Pb	Rod, Wire	---
35300	C35300	CuZn37Pb2	High Leaded Brass	61.5Cu, 36.5Zn, 2Pb	Rod Wire	B453
36000	C36000	CuZn36Pb3	Free Cutting Brass	61.5Cu, 35.4Zn, 3.1Pb	Rod, Wire, Shape	B16
3601	C36000	CuZn36Pb3	Free Cutting Brass - Hi Purity	62Cu,35Zn, 3Pb	Rod, Wire, Shape	B16
3602	C36000	CuZn36Pb3	Free Cutting Brass – Hi Speed	615.Cu, 35.4Zn, 3.1Pb	Rod, Wire, Shape	B16
3605	C36000	CuZn36Pb3	Free Cutting Brass – Thread Rolling	61.5Cu,35.7Zn,2.8Pb	Rod, Wire, Shape	B16
46200	C46200	CuZn36Sn	Naval Brass – Cold Heading	63.5Cu, 35.75Zn, .75Sn	Rod, Wire, Shape	B21
46400	C46400	CuZn39Sn1	Naval Brass – Uninhibited	60Cu, 39.25Zn, .75Sn	Rod, Wire, Shape	B21, B124
4641	C46400	CuZn39Sn1	Tobin Bronze (Shafting)	60Cu, 39.25Zn, .75Sn	Rod	B21
48500	C48500	CuZn38PbSn	Leaded Naval Brass	60Cu, 37.5Zn, 1.75 Pb, .75 Sn	Rod, Wire, Shape	B21, B124
50700	C50700	CuSn2	Tin Bronze/Signal Bronze	98.25Cu, 1.75Sn	Rod, Wire	B105 (Alloy 30)
53400	C53400	CuSn4Pb1P	Low Leaded Phosphor Bronze	94.2Cu, 4.6Sn, 1Pb, .2P	Rod	B139
54400	C54400	CuSn4Pb4Zn4	Free Cutting Phosphor Bronze	88Cu, 4Sn, 4Pb, 4Zn	Rod, Wire	B139
61000	C61000	CuAl8	Aluminum Bronze	92Cu, 8Al	Rod, Wire	[AWS 5.7]
61800	C61800	CuAl10Fe1	Aluminum Bronze	89Cu, 10Al, 1Fe	Rod, Wire	[AWS 5.7]
63000	C63000	CuAl10Ni5Fe3	Aluminum Nickel Bronze	82Cu, 10Al, 5Ni, 3Fe	Rod	B150
63400	C63400	CuAl13Si	Aluminum Bronze	96.75Cu, 2.9Al, .35Si	Rod, Wire	---
64200	C64200	CuAl17Si2	Everdur 642	90.85Cu, 7.25Al, 1.9Si	Rod	B124, B150
64210	C64210	CuAl17Si	Everdur 6421	92.1Cu, 6.6Al, 1.3Si	Rod	B124, B150
65100	C65100	CuSi2Mn	Everdur 651	98.1Cu, 1.6Si, 3Mn	Rod, Wire, Flat Wire, Tube	B98, B99, B315
65500	C65500	CuSi3Mn	Everdur 655	95.9Cu, 3.2Si, .9Mn	Rod, Wire, Flat Wire	B98, B99, B124
65600	C65600	CuSi3Mn	Everdur 656 (RcuSi-A)	96Cu,3Si, 1Mn	Rod, Wire	[AWS 5.7, 5.27]
66100	C66100	CuSi3Mn1Pb	Leaded Everdur – Machinable	95.6Cu, 3Si, 1Mn	Rod	B98
6733	C67300	CuZn34Mn3Si1Pb	Leaded Managnese Silicon Bronze	61.8Cu,33.8Zn,2.7Mn,1Si,.7PB	Rod, Shape	[SAE J 463]
67500	C67500	CuZn39SnFe	Manganese Bronze	58.5Cu,39.3Zn, 1Sn, 1Fe, .2Mn	Rod, Shape	B124, B138
67600	C67600	CuZn38SnFePb	Leaded Manganese Bronze	58.5Cu,38.4Zn,1Sn,.7Fe,.2Mn,.8Pb	Rod, Shape	B124, B138
69430	C69430	CuZn14Si4	Dzistaloy 6943	81.5Cu, 14.25Zn, 4Si, .04As	Rod	B371
70600	C70600	CuNi10FeMn1	Cupro Nickel 10% (90-10 CuNi)	88.1Cu, 10Ni, 1.4Fe, .5Mn	Rod, Tube	B151, B466
71500	C71500	CuNi30MnFe	Cupro Nickel 30% (70-30 CuNi)	68.9Cu, 30Ni, .5Fe, .6Mn	Rod Tube	B151, B466

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