

Copper and Alloys by Copper Alloy Number	(% IACS)	(Ohm-m)
C10100, C10200	101.00	1.71E-08
C10300-O61	99.00	1.74E-08
C10400, C10500, C10700 (O61 temper)	100.00	1.72E-08
C10800-O61	92.00	1.87E-08
C11000-H14	97.00	1.78E-08
C11000-O60	100-101.5	1.700E-8--1.724E-8
C11100	100.00	1.72E-08
C11300, C11400, C11500, C11600	100.00	1.72E-08
C12500, C12700, C12800, C12900, C13000 (annealed)	98.00	1.76E-08
C14300	96.00	1.80E-08
C14310	85.00	2.03E-08
C14500	93.00	1.86E-08
C14700-O61	95.00	1.81E-08
C15000	93.00	1.86E-08
C15100 (annealed)	95.00	1.81E-08
C15100 (rolled)	90.00	1.92E-08
C15500 (annealed)	91.00	1.90E-08
C15710	90.00	1.92E-08
C15720	89.00	1.94E-08
C16200	90.00	1.92E-08
C17000 as-cast (billet)	16-22	7.8E-8--1.1E-7
C17000 cast and aged (billet)	18-23	7.5E-8--9.6E-8
C17000-TB00 (billet)	13-18	9.6E-8--1.3E-7
C17000-TB00 (rod, bar, plate tubing, forgings)	17-19	9.1E-8--1.0E-7
C17000-TB00 (strip)	28-33	5.2E-8--6.2E-8
C17000-TD01 (strip)	29-34	5.0E-8--5.9E-8
C17000-TD02 (strip)	32-38	4.5E-8--5.4E-8
C17000-TD04 (rod, bar, plate tubing)	15-17	1.0E-7--1.1E-7
C17000-TD04 (strip)	35-39	4.4E-8--4.9E-8
C17000-TF00 (billet)	18-25	6.9E-8--9.6E-8
C17000-TF00 (rod, bar, plate tubing, forgings)	22-25	6.9E-8--7.8E-8
C17000-TF00 (strip)	35-39	4.8E-8--4.8E-8
C17000-TH01 (strip)	36-41	4.1E-8--4.8E-8
C17000-TH02 (strip)	36-42	3.8E-8--4.5E-8
C17000-TH04 (rod, bar, plate tubing)	22-25	6.9E-8--7.8E-8
C17000-TH04 (strip)	38-45	4.7E-8--5.2E-8
C17000-TM00 (strip)	33-37	4.5E-8--5.1E-8
C17000-TM01 (strip)	34-38	4.4E-8--4.9E-8
C17000-TM02 (strip)	35-39	4.3E-8--4.8E-8
C17000-TM04 (strip)	36-40	4.1E-8--4.7E-8
C17000-TM06 (strip)	37-42	4.1E-8--4.7E-8
C17000-TM08 (strip)	33-45	3.8E-8--5.2E-8
C17200, C17300 as-cast (billet)	15-30	5.7E-8--1.1E-7
C17200, C17300 cast and aged (billet)	10.0-20	8.6E-8--1.7E-7

C17200, C17300-TB00	17-19	9.1E-8--1.0E-7
C17200, C17300-TB00 (billets)	25-45	3.8E-8--6.9E-8
C17200, C17300-TD01	16-18	9.6E-8--1.1E-7
C17200, C17300-TD02	15-17	1.0E-7--1.1E-7
C17200, C17300-TD04	15-17	1.0E-7--1.1E-7
C17200, C17300-TF00	22-25	6.9E-8--7.8E-8
C17200, C17300-TF00 (billets)	1.0-3.0	5.7E-7--1.7E-6
C17200, C17300-TH01	22-25	6.9E-8--7.8E-8
C17200, C17300-TH02	22-25	6.9E-8--7.8E-8
C17200, C17300-TH04	22-25	6.9E-8--7.8E-8
C17200, C17300-TM00	20-28	6.2E-8--8.6E-8
C17200, C17300-TM01	20-28	6.2E-8--8.6E-9
C17200, C17300-TM02	20-28	6.2E-8--8.6E-10
C17200, C17300-TM04	20-28	6.2E-8--8.6E-11
C17200, C17300-TM06	20-28	6.2E-8--8.6E-12
C17200, C17300-TM08	20-28	6.2E-8--8.6E-13
C17410	45.00	3.80E-08
C17500-H04	20-30	5.7E-8--8.6E-9
C17500-HTC	60 min	2.9E-8 max
C17500-HTR	45-60	2.9E-8--3.8E-8
C17500-TB00	20-30	5.7E-8--8.6E-8
C17500-TF00	45-60	2.9E-8--3.8E-8
C17500-TH04	50-60	2.9E-8--3.4E-8
C17600 as-cast (billet)	32-37	4.7E-8--5.4E-8
C17600 cast and aged (billet)	40-50	3.4E-8--4.3E-8
C17600-H04	20-30	5.7E-8--8.6E-9
C17600-TB00	20-30	5.7E-8--8.6E-9
C17600-TB00 (billet)	22-28	6.2E-8--7.8E-8
C17600-TF00	45-60	2.9E-8--3.8E-8
C17600-TF00 (billet, forged products)	50-60	2.9E-8--3.4E-8
C17600-TH04	50-60	2.9E-8--3.4E-8
C18100 (annealed)	80.00	2.17E-08
C18200, C18400, C18500-TB00	40.00	4.31E-08
C18200, C18400, C18500-TH04	80.00	2.16E-08
C18700	96.00	7.79E-08
C19200 (strip)	60.00	2.88E-08
C19200 (tubing)	50.00	3.45E-08
C19210	80.00	2.16E-08
C19400 (all other tempers)	65 nominal	2.26e-8 nominal
C19400-H14	50.00	3.45E-08
C19400-O60	40.00	4.31E-08
C19500	50.00	3.44E-08
C19520	40.00	4.93E-08
C19700	80.00	2.16E-08
C21000 (annealed)	56.00	3.10E-08

C22000 (annealed)	44.00	3.91E-08
C22600 (annealed)	40.00	4.30E-08
C23000 (annealed)	37.00	4.70E-08
C24000-O61	32.00	5.40E-08
C26000-O61	28.00	6.20E-08
C26800, C27000 (annealed)	27.00	6.40E-08
C28000	28.00	6.16E-08
C31400	42.00	4.10E-08
C31600	32.00	5.40E-08
C33000	26.00	6.60E-08
C33200-O61	26.00	6.60E-08
C33500	26.00	6.60E-08
C34000-O61	26.00	6.60E-08
C34200, C35300-O61	26.00	6.60E-08
C34900	26.00	6.60E-08
C35000	26.00	6.60E-08
C35600-O61	26.00	6.60E-08
C36000-O61	26.00	6.60E-08
C36500, C36600, C36700, C36800-O61	28.00	6.20E-08
C37000-O61	27.00	6.39E-08
C37700	27.00	6.40E-08
C38500-O61	28.00	6.20E-08
C40500	41.00	4.20E-08
C40800	37.00	4.66E-08
C41100	32.00	5.40E-08
C41500	28.00	6.20E-08
C41900	22.00	7.80E-08
C42200	31.00	5.50E-08
C42500	28.00	6.20E-08
C43000	27.00	6.40E-08
C43400	31.00	5.60E-08
C43500	28.00	6.20E-08
C44300, C44400, C44500	25.00	6.90E-08
C46400, C45600, C46600, C46700 (annealed)	26.00	6.63E-08
C48200	26.00	6.63E-08
C48500	26.00	6.63E-08
C50500	48.00	3.60E-08
C50710	30.00	5.74E-08
C51000	20.00	8.70E-08
C51100	20.00	8.70E-08
C52100	13.00	1.33E-07
C52400	11.00	1.57E-07
C54400	19.00	9.10E-08
C60600	17.00	1.00E-07
C60800	17.00	1.00E-07

C61000	15.00	1.15E-08
C61300	12.00	1.44E-07
C61400	14.00	1.23E-07
C61500	12.60	1.37E-07
C62300	12.00	1.44E-07
C62400	12.00	1.44E-07
C62500	10.00	1.72E-07
C63000	9.00	1.92E-06
C63200	7.00	2.46E-08
C63600	12.00	1.43E-07
C63800	10.00	1.74E-07
C65100	12.00	1.44E-07
C65400	7.00	2.46E-07
C65500	7.00	2.46E-07
C66400-O61	30.00	5.75E-08
C68800-H08	16.60	1.04E-07
C68800-O61	18.00	9.60E-08
C69000-O61	18.00	9.60E-08
C69400	6.20	2.80E-07
C70250	35-40	4.31E-8--4.93E-8
C70400	14.00	1.20E-07
C70600	9.10	1.90E-07
C71000-O61	6.50	2.65E-07
C71500-O61	4.60	3.75E-07
C71900	4.40	3.95E-07
C72200	6.53	2.64E-07
C72500	11.00	1.57E-07
C74500	9.00	1.92E-07
C75200	6.00	2.87E-07
C75400	7.00	2.46E-07
C75700	8.00	2.16E-07
C77000	5.50	3.14E-07
C78200	10.90	1.60E-07
C81100	92.00	1.87E-08
C81300	60.00	2.87E-08
C81500 (precipitation hardened)	80-90	2.10E-08
C81500 (solution heat treated)	40-50	3.83E-08
C81800	48.00	3.59E-08
C82000	48.00	3.59E-08
C82200	48.00	3.59E-08
C82400	25.00	6.90E-08
C82500	20.00	8.62E-08
C82600	19.00	9.07E-08
C82800	18.00	9.58E-08
C83300	32.00	5.39E-08

C83600	15.00	1.15E-07
C83800	15.00	1.15E-07
C84400	16.40	1.05E-07
C84800	16.40	1.05E-07
C85200	18.60	9.27E-08
C85400	19.60	8.80E-08
C85700, C85800	22.00	7.84E-08
C86100, C86200	7.50	2.30E-07
C86300	9.00	1.92E-07
C86400	22.00	7.84E-08
C86500	20.50	8.41E-08
C86700	32.00	5.39E-08
C86800	9.00	1.92E-07
C87300 (formerly C87200)	6.70	2.57E-07
C87500, C87800	6.70	2.84E-07
C87600	6.00	2.87E-07
C87900	15.00	1.15E-07
C90300	12.00	1.44E-07
C90500	11.00	1.57E-07
C90700	9.60	1.50E-08
C91700	10.00	1.72E-07
C92200	14.30	1.20E-07
C92300	12.00	1.44E-07
C92600	9.00	1.92E-07
C92700	11.00	1.57E-07
C92900	9.20	1.87E-07
C93200	12.00	1.44E-07
C93400	12.00	1.44E-07
C93500	15.00	1.15E-07
C93700	10.14	1.70E-07
C93800	11.50	1.50E-07
C93900	11.50	1.50E-07
C94300	9.00	1.92E-07
C94500	10.00	1.72E-07
C95200	12.00	1.44E-07
C95300	13.00	1.33E-07
C95400	13.00	1.33E-07
C95500	8.50	2.03E-07
C95600	8.50	2.03E-07
C95700	3.10	5.56E-07
C95800	7.10	2.43E-07
C96200	11.00	1.57E-07
C96400	5.00	3.45E-07
C96600	4.30	4.00E-09
C97300 (as-cast)	5.70	3.03E-07

C97600 (as-cast)	5.00	3.45E-07
C97800 (as-cast)	4.50	3.83E-07
C99400-TF00	16.80	1.03E-07
C99500	13.70	1.26E-07
C99700	3.00	5.75E-07
C99750	2.00	8.62E-07
Copper 70%, Nickel 30%	4.50	3.83E-07
Copper 90%, Nickel 10%	9.74	1.77E-07
Cupro - Nickel 30%	4.60	3.75E-07
Deoxidized (Annealed)	85.00	2.03E-08
Electrolytic Tough Pitch	101.00	1.71E-08
Pure (annealed)	100.00	1.72E-08