



BRONMETAL

Copper Cu

Product format:

Light tubes

Technical characteristics:

Round, square, rectangular and oval copper
for electrical applications



ALLOYS

Composition in % (mass fraction)										
Material designation		Element	Cu	Ag	Bi	O	P	Pb	Other elements (see note)	
Symbolic	Numerical								total	excluded
Cu-ETP	CW004A	mín.	99.90 ^a	-	-	-	-	-	-	Ag, O
		máx.	-	-	0,0005	0.040 ^b	-	0,005	0,03	
Cu-FRHC	CW005A	mín.	99.90 ^a	-	-	-	-	-	-	Ag, O
		máx.	-	-	-	0.040 ^b	-	-	0,04	
Cu-OF	CW008A	mín.	99.95 ^a	-	-	-	-	-	-	Ag
		máx.	-	-	0,0005	- ^c	-	0,005	0,03	
CuAg0,10	CW013A	mín.	Rest	0,08	-	-	-	-	-	Ag, O
		máx.	-	0,12	0,0005	0.040 ^b	-	-	0,03	
CuAg0,10P	CW016A	mín.	Rest	0,08	-	-	0,001	-	-	Ag, P
		máx.	-	0,12	0,0005	- ^c	0,007	-	0,03	
CuAg0,10(OF)	CW019A	mín.	Rest	0,08	-	-	-	-	-	Ag, O
		máx.	-	0,12	0,0005	- ^c	-	-	0,0065	
Cu-PHC	CW020A	mín.	99.95 ^a	-	-	-	0,001	-	-	Ag, P
		máx.	-	-	0,0005	- ^c	0,006	0,005	-0,03	
Cu-HCP	CW021A	mín.	99.95 ^a	-	-	-	0,002	-	-	Ag, P
		máx.	-	-	0,0005	- ^c	0,007	0,005	0,03	

NOTE- In all other elements (other than copper) is defined as the sum of Ag, As, Bi, Cd, Co, Cr, Fe, Mn, Ni, O, P, Pb, S, Sb, Se, Si, Sn, Te, And Zn, with the exclusion of any ítem whose value this indicated individually.

^a To including silver, to a maximum of 0.015%.

^b Is permissible oxygen content up to 0.060%, subject to agreement between customer and supplier.

^c The oxygen content should be such that the material metes the requirements of embrittlement by heating in hydrogen atmosphere, the Standard in 1976.