



**BRONMETAL**

Copper Cu

Product format:

Light tubes

Technical characteristics:

Round, square, rectangular and oval copper  
for electrical applications



## MECHANICAL CHARACTERISTICS

Designations		Nominal wall thickness	hardness				Tensile strength		Proof stress of 0.2%		Enlogation	
Material	Metallurgical state	mm	HB		HV		R <sub>m</sub>		R <sub>p0.2</sub>		A	
		Until included	mín.	máx.	mín.	máx.	N/mm <sup>2</sup>		N/mm <sup>2</sup>		%	
Symbolic	Numerical	D					mín.	máx	mín.	máx	mín.	
<b>Product cold drawn seamless mechanical propieties specified</b>												
Cu-ETP Cu-FRCH Cu-OF CuAg0,10 CuAg0,10P CuAg0,10(OF) Cu-PHC Cu-HCP	CW004A CW005A CW008A CW013A CW016A CW019A CW020A CW021A	H035	20	35	60	35	65	-	-	-	-	-
		R200	20	-	-	-	-	200	250	-	120	40
		H065	10	60	90	65	95	-	-	-	-	-
		R250	10	-	-	-	-	250	300	150	-	15
		H090	5	85	105	90	110	-	-	-	-	-
		R290	5	-	-	-	-	290	360	250	-	6
		H100	3	95	-	100	-	-	-	-	-	-
		R360	3	-	-	-	-	360	-	320	-	(3)

NOTA 1 - 1 N/mm<sup>2</sup> equivalent to 1 Mpa.  
 NOTA 2 - Numbers in parentheses are not requirements of this standard are given for information only.