



**BRONMETAL**

Copper Cu

Producto formato:

Profiles

Características técnicas:

Copper profiles for electrical applications



## MECHANICAL CHARACTERISTICS

Designations		Metallurgical state	Measures		Mechanical properties					
Symbolic	Numerical		mm		Hardness		Tensile strength	Proof stress of 0.2%	Enlogation	
			thickness	Width/height	HB	HV	R <sub>m</sub> N/mm <sup>2</sup>	R <sub>p0.2</sub> N/mm <sup>2</sup>	A <sub>100mm</sub> %	A %
		máx.	máx.			mín.		mín.	mín.	
Cu-ETP	CW004A	D	50	180	producto estirado					
Cu-FRHC	CW005A									
Cu-OF	CW008A	H035 <sup>b</sup>	50	180	mín.35	mín.35	-	-	-	-
CuAg0,04	CW011A				máx. 65	máx. 70				
CuAg0,07	CW012A	R200 <sup>b</sup>	50	180	-	-	200	máx. 120	25	35
CuAg0,10	CW013A									
CuAg0,04P	CW014A	H065 <sup>c</sup>	10	150	mín. 65	mín. 70	-	-	-	-
CuAg0,07P	CW015A				máx. 95	máx. 100				
CuAg0,10P	CW016A	R240 <sup>c</sup>	10	150	-	-	240	mín. 160	-	15
CuAg0,04(OF)	CW017A									
CuAg0,07(OF)	CW018A	H080 <sup>c</sup>	5	100	mín. 80	mín. 85	-	-	-	-
CuAg0,10(OF)	CW019A				máx. 115	máx. 120				
Cu-PHC	CW020A	R280 <sup>c</sup>	5	100	-	-	280	mín. 240	-	8
Cu-HCP	CW021A									

NOTE - 1 N/mm<sup>2</sup> is equivalent to 1 MPa

<sup>a</sup> To elongation values given in this table are based on length from original points, were promptly on the Standard 10002-1.

<sup>b</sup> annealing

<sup>c</sup> The values of these temples are only valid for a given location of the specimen agreed between customer and manufacturer in the RFQ and in the order.