BRONMETAL

Copper Cu

Product format:	Tape electrical applications
Technical characteristics:	Tape or laminated copper strip for electrical applications

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ELECTRICAL PROPIERTIES

Designations				Volume resistivity	Resistivity mass[a]	Conductivity	
Material		Metallurgical state		Ω x mm² / m	Ω x g / m²	MS/m	% IACS[b]
Symbolic	Numerical			máx.	máx.	mín.	mín.
Cu-ETP Cu-FRHC CU-OF CuAg0,10 CuAg0,10(OF) Cu-PHC	CW004A CW005A CW008A CW013A CW019A CW020A	**M**		**0,01754**	**0,1559**	**57,0**	**98,3**
		H040	R200	0,01724	0,1533	58,0	100,0
		H040	R220				
		H065	R240	0,01754	0,1559	57,0	98,3
		H090	R290				
		H110	R360	0,01786	0,1588	56,0	96,6
CuAg0,10P Cu-HCP	CW016A CW021A	**M**		**0,01786**	**0,1588**	**56,0**	**96,6**
		H040	R200	0,01754	0,1559	57,0	98,3
		H040	R220				
		H065	R240	0,01786	0,1588	56,0	96,6
		H090	R290				
		H110	R360	0,01818	0,1616	55,0	94,8

NOTA 1 – Values in % IACS are calculed as percentages of normalized value of the high conductivity anneales copper as are established by International Electrotechnical Commission. Copper whose volumen resistivity 0,017 24 Ω x m, a 20ºC, is defined as corresponding to a conductivity of 100%.
NOTA 2 - 1 MS/m is equivalent to 1 m/(Ω x mm²).
[a] Calculed with a density of8.89 g/cm³
[b] IACS: International Annealed Copper Standard