



BRONMETAL

Copper Cu

Product format:

Sheet electrical purposes

Technical Characteristics:

Rolled sheets of copper for electrical applications



ELECTRICAL PROPERTIES

Designations		Volume resistivity	Resistivity mass ^a	Conductivity			
Material		<u>Ω x mm²</u>	<u>Ω x g</u>	MS/m	% IACS ^b		
Symbolic	Numerical	m	m ²				
		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 calculated as percentages of normalized value of the high conductivity annealed copper as are established by International Electrotechnical Commission. Copper whose volumen resistivity 0,017 24 Ω x m, a 20°C, is defined as corresponding to a conductivity of 100%.
 NOTA 2 - 1 MS/m is equivalent to 1 m/(Ω x mm²).

^a Calculated with a density of 8.89 g/cm³
^b IACS: International Annealed Copper Standard