

CuSn0,15 CW117C / C14410



Chemical Composition (%)		Coil Specifications	
Cu	Remainder	Thickness (mm)	0,05 - 4,00
Sn	0,10 - 0,15	Width (mm)	6,00 - 350
Zn	≤ 0,10	Inside diameter (mm)	100 - 300 - 400 - 500
Fe	≤ 0,02	Outside diameter (mm)	500 - 1200
Ni	≤ 0,02	Weight (kg)	≤ 2500
P	≤ 0,015		

Mechanical Properties				
Temper	R250 H060	R300 H085	R360 H105	R420 H120
Tensile Strength (N/mm ²)	250 - 320	300 - 370	360 - 430	420 - 490
Yield Strength (N/mm ²)	≥ 200	≥ 250	≥ 300	≥ 350
Elongation (%)	≥ 9	≥ 4	≥ 3	≥ 2
Hardness (HV)	60 - 90	85 - 110	105 - 130	120 - 140

Physical Properties				
Density (g/cm ³)	Electrical Conductivity		Thermal Conductivity (W/mK)	Modulus of Elasticity (kN/m ²)
	MS/m	%IACS		
8,90	51	88	350	130

This data sheet is a general technical product information and has no legal warranty. Binding technical features are subjected to the contract.

