

CuZn30 CW505L / C26000



Chemical Composition (%)		Coil Specifications	
Cu	69,0 - 71,0	Thickness (mm)	0,05 - 4,00
Zn	Remainder	Width (mm)	6,00 - 350
Fe	≤ 0,05	Inside diameter (mm)	100 - 300 - 400 - 500
Ni	≤ 0,30	Outside diameter (mm)	500 - 1200
Pb	≤ 0,05	Weight (kg)	≤ 2500

Mechanical Properties					
Temper		R270 H055	R350 H095	R410 H120	R480 H150
Tensile Strength (N/mm ²)		270 - 350	350 - 430	410 - 490	≥ 480
Yield Strength (N/mm ²)		≤ 160	≥ 170	≥ 260	≥ 430
Elongation (%)	up to 2,5 mm	≥ 40	≥ 21	≥ 9	---
	over 2,5 mm	≥ 50	≥ 33	≥ 15	---
Hardness (HV)		55 - 90	95 - 125	120 - 155	≥ 150

Physical Properties				
Density (g/cm ³)	Electrical Conductivity		Thermal Conductivity (W/mK)	Modulus of Elasticity (kN/m ²)
	MS/m	%IACS		
8,53	16,4	28	121	114

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

