

# CuZn37 CW508L / C27200



Chemical Composition (%)		Coil Specifications	
Cu	62,0 - 64,0	Thickness (mm)	0,05 - 4,00
Zn	Remainder	Width (mm)	6,00 - 350
Fe	≤ 0,10	Inside diameter (mm)	100 - 300 - 400 - 500
Ni	≤ 0,30	Outside diameter (mm)	500 - 1200
Pb	≤ 0,10	Weight (kg)	≤ 2500

Mechanical Properties						
Temper		R300 H055	R350 H095	R410 H120	R480 H150	R550 H170
Tensile Strength (N/mm <sup>2</sup> )		300 - 370	350 - 440	410 - 490	480 - 560	≥ 550
Yield Strength (N/mm <sup>2</sup> )		≤ 180	≥ 170	≥ 300	≥ 430	≥ 500
Elongation (%)	up to 2,5 mm	≥ 38	≥ 19	≥ 8	≥ 3	---
	over 2,5 mm	≥ 48	≥ 28	≥ 12	---	---
Hardness (HV)		55 - 95	95 - 125	120 - 155	150 - 180	≥ 170

Physical Properties				
Density (g/cm <sup>3</sup> )	Electrical Conductivity		Thermal Conductivity (W/mK)	Modulus of Elasticity (kN/m <sup>2</sup> )
	MS/m	%IACS		
8,45	16,0	28	116	110

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

Altek Döküm Ltd. Şti. Bakır ve Piriç Sanayicileri Sitesi Kurdoğlu Cad.  
No: 10 Beylikdüzü / İstanbul / Turkey www.altekdokum.com  
Tel: +902128751040 Fax: +902128751161 info@altekdokum.com

