

CuZn33 CW506L / C26800



| Chemical Composition (%) | | Coil Specifications | |
|--------------------------|-------------|-----------------------|-----------------------|
| Cu | 66,0 - 68,0 | 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 | | R280 H055 | R350 H095 | R420 H125 | R500 H155 |
| Tensile Strength (N/mm ²) | | 280 - 380 | 350 - 430 | 420 - 500 | ≥ 500 |
| Yield Strength (N/mm ²) | | ≤ 170 | ≥ 170 | ≥ 300 | ≥ 450 |
| Elongation (%) | up to 2,5 mm | ≥ 40 | ≥ 23 | ≥ 6 | --- |
| | over 2,5 mm | ≥ 50 | ≥ 31 | ≥ 13 | --- |
| Hardness (HV) | | 55 - 90 | 95 - 125 | 125 - 155 | ≥ 155 |

| Physical Properties | | | | |
|------------------------------|-------------------------|-------|-----------------------------|--|
| Density (g/cm ³) | Electrical Conductivity | | Thermal Conductivity (W/mK) | Modulus of Elasticity (kN/m ²) |
| | MS/m | %IACS | | |
| 8,47 | 15,5 | 27 | 116 | 112 |

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

