

# Cu - ETP CW506L / C26800



| Chemical Composition (%) |         |
|--------------------------|---------|
| Cu                       | ≥ 99,90 |
| O                        | ≤ 0,040 |
| Pb                       | ≤ 0,005 |

| Coil Specifications   |                       |
|-----------------------|-----------------------|
| Thickness (mm)        | 0,05 - 4,00           |
| Width (mm)            | 6,00 - 350            |
| Inside diameter (mm)  | 100 - 300 - 400 - 500 |
| Outside diameter (mm) | 500 - 1200            |
| Weight (kg)           | ≤ 2500                |

| Mechanical Properties                 |              |              |              |              |
|---------------------------------------|--------------|--------------|--------------|--------------|
| Temper                                | R220<br>H040 | R240<br>H065 | R290<br>H090 | R360<br>H110 |
| Tensile Strength (N/mm <sup>2</sup> ) | 220 - 260    | 240 - 300    | 290 - 360    | ≥ 360        |
| Yield Strength (N/mm <sup>2</sup> )   | ≤ 140        | ≥ 180        | ≥ 250        | ≥ 320        |
| Elongation (%)                        | up to 2,5 mm | ≥ 33         | ≥ 8          | ≥ 4          |
|                                       | over 2,5 mm  | ≥ 42         | ≥ 15         | ≥ 6          |
| Hardness (HV)                         | 40 - 65      | 65 - 95      | 90 - 110     | ≥ 110        |

| 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 |                             |  |
| 8,94                         | 58                      | 100   | 390                         | 127  |

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

