



NICKEL PLATED

ASTM B355

-> Standards are norms ASTM, DIN, NF, BS, MIL, ... Or customer requests

-> From 2 à 10 % of total weight

-> Requirements of solderability available on request

| Base material | Chemical composition (%) | Density (g/cm ³) | Resistivity (*) @20°C μOhm,cm | Hard (daN/mm ²) | Soft (daN/mm ²) | Ø Solid (mm) | Strand / Rope (mm ²) | Ribbon Bobbins OOOO |
|-------------------------------|-------------------------------------|------------------------------|---|-----------------------------|-----------------------------|----------------|----------------------------------|------------------------|
| ETP Copper | Cu 99,9% | 8,93 | 1,724 class 2 1,834 class 4 1,894 class 7 | 45 | 24 | 0,050 to 2,500 | 0,015 to 85 | OOOO OOOO |
| OF Copper | Cu 99,95% O2 < 15ppm | 8,93 | 1,724 class 2 1,834 class 4 1,894 class 7 | 45 | 24 | 0,050 to 2,500 | 0,015 to 85 | OOOO OOOO |
| Green6 (ROHS) | Cu 99% Mg < 1% | 8,93 | 2,155 | 68 | 40 | 0,080 to 0,800 | 0,035 to 2,50 | OOOO |
| Copper Clad Aluminium CCA 15% | Cu 15% du volume Al Reste | 3,63 3,84 | 2,78 | 20 | 17 | 0,127 to 1,00 | 0,080 to 85 | - |
| Copper Clad Steel (40% IACS) | Cu thickness 10% of the wire radius | 8,13 | 4,397 | 75,8 | 34,5 | 0,100 to 0,800 | 0,035 to 0,600 | - |
| Bronze 6 | Sn 6% P 0,15% Cu Balance | 8,85 | 11,9 | 100 | 44 | 0,200 to 1,000 | - | - |

* Soft conditions

NICKEL PLATED

ASTM B355 Class 27%

-> Standards are norms ASTM, DIN, NF, BS, MIL, ... Or customer requests

-> Plating is 27 % of total weight

-> Requirements of solderability available on request

| Base material | Chemical composition (%) | Density (g/cm ³) | Resistivity (*) @20°C μOhm,cm | Hard (daN/mm ²) | Soft (daN/mm ²) | Ø Solid (mm) | Strand / Rope (mm ²) | Ribbon Bobbins OOOO |
|---------------|--------------------------|------------------------------|-------------------------------|-----------------------------|-----------------------------|----------------|----------------------------------|------------------------|
| ETP Copper | Cu 99,9% | 8,93 | 2,428 | 45 | 24 | 0,120 to 0,800 | 0,140 to 6,000 | OOOO OOOO |
| OF Copper | Cu 99,95% O2 < 15ppm | 8,93 | 2,428 | 45 | 24 | 0,120 to 0,800 | 0,140 to 6,000 | OOOO OOOO |
| Green6 (ROHS) | Cu 99% Mg < 1% | 8,93 | 2,56 | 70 | 40 | 0,120 to 0,800 | 0,120 to 2,50 | OOOO OOOO |

* Soft conditions