

INSPECTION CERTIFICATE N° 375
ACCORDING TO EN 10204:2004 - 3.1

AQC DATE : 15.11.2023

PORTUGAL

DDT/INVOICE : N° 3889 OF 14.11.2023

YOUR ORDER : MAIL

We declare that the copper coils are produced according to standard indicated as follow:

| COILS REFERENCES | | | |
|----------------------|------------------|---|-----------------------|
| LOT NUMBER (PCCL) | DIMENSIONS mm | DESIGNATION AND TEMPER | STANDARD REFERENCE |
| 4.827 | 1 X 1.000 | COPPER COIL ANNEALED R220 Cu-DHP - CW024A | EN 1652 |

| MECHANICAL TESTS | | | | |
|----------------------|-----------------------------|--|------------------|----------------------------|
| WT Measured mm | Rp 0,2 N/mm ² | Tensile Strength N/mm ² | Elongation A% | Hardness HV |
| 0,990 | 104 | 252,0 | 37,0 | 60 |
| | Limit max. 140 | Limit min. 220 - max. 260 | Limit min. 33 | Limit min. 40 - max. 65 |

| OTHER TESTS | | | | |
|---------------------|---|-----------|------------|---------|
| Carbon film test | Carbon content mg/dm ² | Expansion | Flattening | Bending |
| - | - | - | - | - |

| CHEMICAL ANALYSIS | Cu | P | ALLOY |
|-------------------|----------------------|------------------------------------|-----------------|
| | 99,93% | 0,0324% | Cu-DHP - CW024A |
| | Limit min. 99,90% | Limit min. 0,015% - max. 0,040% | |

DELIVERDED TO:

PORTUGAL

Quality Manager: Francesco Orio

Computer generated document EN 10204 - 3.1 which does not require signature

