

ROBA METALS GENK
SLINGERWEG 31
3600 GENK

INSPECTION CERTIFICATE
Type 3.1 acc. EN 10204

Certificate No : 1000567164
Delivery No : 0085283316

DATE: 08.09.2023

| | | | |
|---------------|-----------------|----------------|--------------|
| Customer | ROBA METALS B.V | | |
| Cust's Ref No | PO-0047480-1 | Cust's Part No | 11581 |
| Our Order No | 1200143942 / 10 | Quantity | 3.400,00 MTR |
| | | Inspection Lot | 020000851438 |

| | | | |
|--------------|---|----|--|
| Designation | CuT m 012,000x1,00x5000 JE HSM M | | |
| according to | EN 13348, EN 12735-1 R250, PED 2014/68/EU & CUSTOMER REQUIREMENTS | | |
| Material | Cu-DHP | | |
| Chem. Anal.: | CU>99,90-P:0,015-0,040 | OK | |

| Characteristic | Unit of meas. | Specifications | Values | Sample No |
|-----------------|--------------------|-----------------|-----------------|-----------|
| ODmin | mm | >=11,910 | 11,980 - 11,990 | 1 |
| ODmax | mm | <=12,090 | 12,010 - 12,020 | 1 |
| ODav | mm | 11,960 - 12,040 | 12,000 | 1 |
| Smin | mm | >=0,870 | 0,910 | 1 |
| Smax | mm | <=1,130 | 0,940 | 1 |
| Sav | mm | 0,918 - 0,938 | 0,925 | 1 |
| LENGTH | mm | 5000 - 5008 | 5006 | 1 |
| WGHT/m | kg/m | 0,2834 - 0,2910 | 0,2871 | 1 |
| Rm | N/mm ² | >=250,0 | 293,0 | 1 |
| A50 | % | >=30,0 | 32,6 | 1 |
| EXPANSION | % | >=30,0 | OK | 1 |
| C TOT. RES. IN. | mg/dm ² | <=0,20 | 0,15 | 1 |
| ECT EN 1971 | % | 100 | OK | - |

DECLARATION OF COMFORMITY

The products detailed above, conform to the conditions and requirements of the purchaser and to the description, quantities and spec. stated. The Quality Assurance System applied to monitor their production, complies with the requirements of ISO 9001:2015, independently certified by TÜV HELLAS, with certification No 041070119.

Athens

09.09.2023

Q.C. INSPECTOR

Q.A. MANAGER



D. SKARMOUTSOS

Tube Plant

WI 8.2.17_Form 8, Rev.: 0

Date March 2023

ELVALHALCOR HELLENIC COPPER & ALUMINIUM INDUSTRY S.A.
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