

ROBA METALS B.V
 ZOMERDIJK 27-33
 3402 NL AA IJSSELSTEIN(NL)

INSPECTION CERTIFICATE

Type 3.1 acc. EN 10204

Certificate No : 1000433062

DATE: 28.04.2020

Delivery No : 0085207080

| | | | |
|---------------|-------------------|----------------|--------------|
| Customer | ROBA METALS B.V | | |
| Cust's Ref No | PO-0025617-1/20th | Cust's Part No | 11182 |
| Our Order No | 1200106651 / 70 | Quantity | 3.570,00 MTR |
| | | Inspection Lot | 020000617385 |

| | | | |
|--------------|--|----|--|
| Designation | CuT m 028,575x1,27x5000 JF HSM D R | | |
| according to | 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 | >=28,465 | 28,530 - 28,540 | 4 |
| ODmax | mm | <=28,685 | 28,550 - 28,560 | 4 |
| ODav | mm | 28,515 - 28,635 | 28,540 - 28,550 | 4 |
| Smin | mm | >=1,079 | 1,150 - 1,160 | 4 |
| Smax | mm | <=1,461 | 1,200 | 4 |
| Sav | mm | 1,155 - 1,181 | 1,175 - 1,180 | 4 |
| LENGTH | mm | 5000 - 5008 | 5005 | 4 |
| WGHT/m | kg/m | 0,8836 - 0,9066 | 0,9065 | 4 |
| Rm | N/mm ² | >=250,0 | 287,3 - 290,5 | 4 |
| A50 | % | >=30,0 | 38,0 - 40,5 | 4 |
| C TOT. RES. IN. | mg/dm ² | <=0,38 | 0,12 - 0,15 | 4 |
| 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

04.05.2020

Q.C. INSPECTOR

Q.A. MANAGER



D. SKARMOUTSOS

FORM N3

ISSUE: C

REV: 2

DATE: DEC. 2017

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