

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

INSPECTION CERTIFICATE

Type 3.1 acc. EN 10204

Certificate No : 1000510337

DATE: 03.03.2022

Delivery No : 0085249303

Customer	ROBA METALS B.V		
Cust's Ref No	PO-0037210-1	Cust's Part No	19260
Our Order No	1200126836 / 10	Quantity	1.850,00 MTR
		Inspection Lot	020000753242

Designation	CuT m 019,050x1,30x5000 JJ ASO D R
according to	EN 12735-1,R300 & tube properties to VdTÜV567 requirements
Material	CuFe2P
Chem. Anal.:	FE:2,1-2,6-P:0,015-0,150-PB<0,03-ZN:0,050-0,200-OTHERS TOTAL<0,200-CU:REM. OK

Characteristic	Unit of meas.	Specifications	Values	Sample No
ODmin	mm	>=18,950	19,040 - 19,070	2
ODmax	mm	<=19,150	19,090 - 19,100	2
ODav	mm	19,000 - 19,100	19,070 - 19,080	2
Smin	mm	>=1,222	1,250 - 1,270	2
Smax	mm	<=1,380	1,330 - 1,340	2
LENGTH	mm	>=5000	5005	2
STRAIGHTNS	mm/m	<=4,0	3,2	2
Rm	N/mm ²	>=300,0	328,0 - 335,0	2
Rp0,2	N/mm ²	140,0 - 250,0	152,4 - 159,0	2
Rp1	N/mm ²	>=160,0	191,9 - 198,9	2
A	%	>=30,0	34,6 - 37,0	2
C TOT. RES. IN.	mg/dm ²	<=0,38	0,07 - 0,12	2
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.

ISSUE: C

REV: 2

DATE: DEC. 2017

Athens

09.03.2022

Q.C. INSPECTOR

Q.A. MANAGER



D. SKARMOUTSOS

FORM N3

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