

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

**INSPECTION CERTIFICATE**
**Type 3.1 acc. EN 10204**
**Certificate No : 1000490462**
**DATE: 15.09.2021**
**Delivery No : 0085237953**

Customer	ROBA METALS B.V			Cust's Part No	19340
Cust's Ref No	PO-0032732-1/23rd		Quantity	420,00 MTR	Inspection Lot
Our Order No	1200118202 / 40	Quantity	420,00 MTR	Inspection Lot	020000715693

Designation	CuT m 041,275x2,70x5000 JJ ASO D R
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according to	EN 12735-1,R300 & tube properties to VdTÜV567 requirements
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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	>=41,165	41,280 - 41,290	2
ODmax	mm	<=41,385	41,310	2
ODav	mm	41,215 - 41,335	41,295 - 41,300	2
Smin	mm	>=2,538	2,650 - 2,660	2
Smax	mm	<=2,860	2,770	2
LENGTH	mm	>=5000	5006	2
STRAIGHTNS	mm/m	<=4,0	0,4	2
Rm	N/mm <sup>2</sup>	>=300,0	326,0 - 331,8	2
Rp0,2	N/mm <sup>2</sup>	140,0 - 250,0	163,4 - 168,2	2
Rp1	N/mm <sup>2</sup>	>=160,0	197,8 - 200,4	2
A	%	>=30,0	36,2 - 37,7	2
C TOT. RES. IN.	mg/dm <sup>2</sup>	<=0,38	0,09 - 0,14	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.

Athens

16.09.2021

Q.C. INSPECTOR

Q.A. MANAGER



D. SKARMOUTSOS

FORM N3

ISSUE: C

REV: 2

DATE: DEC. 2017

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