

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

INSPECTION CERTIFICATE
Type 3.1 acc. EN 10204

Certificate No : 1000420397
Delivery No : 0085200684

DATE: 16.01.2020

Customer	ROBA METALS B.V			Cust's Part No	11081	
Cust's Ref No	PO-00238232-1/2nd		Quantity	7.711,44 MTR	Inspection Lot	020000593568
Our Order No	1200103700 / 10	Quantity	7.711,44 MTR	Inspection Lot	020000593568	

Designation	CuT m 012,700x0,81x15240 JE HPO R				
according to	EN 12735-1 R220 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
ODav	mm	12,660 - 12,740	12,705 - 12,710	2
Smin	mm	>=0,729	0,730	2
Smax	mm	<=0,891	0,780	2
Sav	mm	0,741 - 0,757	0,755	2
LENGTH	mm	15240 - 15340	15310	2
WGHT/m	kg/m	0,2469 - 0,2536	0,2508	2
OVALITY	mm	<=0,89	0,25 - 0,26	2
Rm	N/mm ²	>=220,0	242,8 - 244,0	2
A50	%	>=40,0	49,0 - 51,5	2
EXPANSION	%	>=30,0	OK	2
C TOT. RES. IN.	mg/dm ²	<=0,38	0,10 - 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

18.01.2020

Q.C. INSPECTOR

Q.A. MANAGER



D. SKARMOUTSOS

FORM N3

ISSUE: C

REV: 2

DATE: DEC. 2017

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