

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

**INSPECTION CERTIFICATE**  
**Type 3.1 acc. EN 10204**

Certificate No : 1000431441  
 Delivery No : 0085206364

DATE: 15.04.2020

Customer	ROBA METALS B.V		
Cust's Ref No	PO-0025821-2/22nd	Cust's Part No	11581
Our Order No	1200106966 / 10	Quantity	7.750,00 MTR
		Inspection Lot	020000614836

Designation	CuT m 012,000x1,00x5000 JE HSM 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	>=11,910	11,980	3
ODmax	mm	<=12,090	12,020 - 12,030	3
ODav	mm	11,960 - 12,040	12,000 - 12,005	3
Smin	mm	>=0,870	0,900 - 0,910	3
Smax	mm	<=1,130	0,940 - 0,950	3
Sav	mm	0,918 - 0,938	0,925	3
LENGTH	mm	5000 - 5008	5007	3
WGHT/m	kg/m	0,2834 - 0,2910	0,2850 - 0,2870	3
Rm	N/mm <sup>2</sup>	>=250,0	298,8 - 301,7	3
A50	%	>=30,0	34,0 - 35,9	3
EXPANSION	%	>=30,0	OK	3
C TOT. RES. IN.	mg/dm <sup>2</sup>	<=0,38	0,07 - 0,10	3
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

16.04.2020

Q.C. INSPECTOR

Q.A. MANAGER



D. SKARMOUTSOS

FORM N3

ISSUE: C

REV: 2

DATE: DEC. 2017

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