

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

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

**Certificate No : 1000510882**  
**Delivery No : 0085249699**

**DATE: 10.03.2022**

Customer	<b>ROBA METALS (C)</b>		
Cust's Ref No	<b>PO-0036357-1</b>	Cust's Part No	<b>11661</b>
Our Order No	<b>1200125396 / 20</b>	Quantity	<b>6.550,00 MTR</b>
		Inspection Lot	<b>020000755388</b>

Designation	<b>CuT m 022,000x1,10x5000 JE HSM R</b>		
according to	<b>EN 12735-1 R250 PED 2014/68/EU &amp; CUSTOMER REQUIREMENTS</b>		
Material	<b>Cu-DHP</b>		
Chem. Anal.:	<b>CU&gt;99,90-P:0,015-0,040</b>		<b>OK</b>

Characteristic	Unit of meas.	Specifications	Values	Sample No
ODmin	mm	>=21,900	21,920 - 21,930	5
ODmax	mm	<=22,100	22,070	5
ODav	mm	21,950 - 22,050	21,995 - 22,000	5
Smin	mm	>=0,935	1,000	5
Smax	mm	<=1,265	1,030	5
Sav	mm	1,011 - 1,032	1,015	5
LENGTH	mm	5000 - 5008	5007	5
WGHT/m	kg/m	0,5919 - 0,6064	0,5928	5
Rm	N/mm <sup>2</sup>	>=250,0	321,0 - 324,2	5
A50	%	>=30,0	37,0 - 38,6	5
C TOT. RES. IN.	mg/dm <sup>2</sup>	<=0,38	0,08 - 0,14	5
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

15.03.2022

Q.C. INSPECTOR

Q.A. MANAGER



D. SKARMOUTSOS

FORM N3

ISSUE: C

REV: 2

DATE: DEC. 2017

e-mail: info@halcor.com  
 website: www.halcor.com  
 VAT number: EL094061318

**Offices & Copper Tube Plant (Mailing Address)**  
 62<sup>nd</sup> km Athens-Lamia National Road,  
 GR-32011 Inofita-Viotia, GREECE  
 Tel.: +30 22620 48111, Fax: +30 22620 48911

**Foundry**  
 60<sup>th</sup> km Athens-Lamia National Road,  
 GR-32011 Inofita-Viotia, GREECE  
 Tel.: +30 22620 53479, Fax: +30 22620 53925

**Domestic Sales Dept**  
 252 Pireos str.  
 GR-17778, Tavros, Athens, GREECE  
 Tel.: +30 210 4898111, Fax: +30 210 4898397