

ROBA METALS GENK
SLINGERWEG 31
3600 GENK

INSPECTION CERTIFICATE

Type 3.1 acc. EN 10204

Certificate No : 1000573188

DATE: 08.11.2023

Delivery No : 0085287110

Customer	ROBA METALS B.V		
Cust's Ref No	PO-0048570-1	Cust's Part No	11081
Our Order No	1200145518 / 20	Quantity	5.486,40 MTR
		Inspection Lot	020000860306

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	12,715 - 12,735	2
Smin	mm	>=0,729	0,730	2
Smax	mm	<=0,891	0,770	2
Sav	mm	0,741 - 0,757	0,750	2
LENGTH	mm	15240 - 15340	15280 - 15320	2
WGHT/m	kg/m	0,2469 - 0,2536	0,2500	2
OVALITY	mm	<=0,89	0,09 - 0,15	2
Rm	N/mm ²	>=220,0	245,0 - 248,2	2
A50	%	>=40,0	50,5 - 52,0	2
EXPANSION	%	>=30,0	OK	2
C TOT. RES. IN.	mg/dm ²	<=0,38	0,07 - 0,11	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

08.11.2023

Q.C. INSPECTOR

Q.A. MANAGER



D. SKARMOUTSOS

Tube Plant

WI 8.2.17_Form 8, Rev.: 0

Date March 2023

ELVALHALCOR HELLENIC COPPER & ALUMINIUM INDUSTRY S.A.
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