

Wieland-Werke AG D-89079 Ulm

Wieland Delari S.r.l  
Via Palazzo 8/C  
24047 TREVIGLIO BG  
ITALIEN

Loading area/ No. : **66/20737951**  
Lot No. : 44517805  
Please contact : Mrs Romo Jimenez  
Telephone : 0731 944- 1271  
Fax No. : 0731

Your order No. : PO24-000616  
Date : 02.07.2024  
Your fax No. :

Order confirmation No. : 12432749 002  
Inspection lot No. : 890001784488  
Our delivery note No. : 83436664 020  
Quantity delivered : 150,000 M  
Date : 03.07.2024

## Inspection certificate 3.1 as per EN 10204 : 2004

Product.

504 cuprolife® Water t. str.l.

Material:

Wieland K20 CU-DHP

Specification:

NF EN 1057

Revision/Date of issue:  
2006

Dimensions:

Dim A: 22,000 mm

Dim B:

Dim C: 1,000 mm

Dim D: 5.000,00 mm

Temper: 300 hard  
R290

WIELAND R-H-1045 Vers. 00 02.02.2023

AENOR

AFNOR

RAL-GZ 641 GruppeA + DVGW

Remarks:

Your material code No. : 435222101&

100% recycled

## Chemical composition as per 2.2 EN 10204 : 2004

Test method	Unit	Measured	Specified / Reference (R)		Spec
			Min.	Max.	
The sum of the other elements corresponds to what is specified in the chemical standard.					
CU	Cu Copper	%	99,9594	99,9000	
P	P Phosphorus	%	0,0226	0,0150	0,0400

Hersteller-  
kenn-  
zeichen:



Executive Board:  
Dr. Erwin Mayr, CEO  
Gregor Tschernjavski, CFO

Chairman of the Supervisory Board:  
Fritz-Jürgen Heckmann  
Headquarters: Ulm  
Court of registration: Ulm, HRB 1256  
VAT ID number: DE811147730

**Mechanical testing**

	Parameter tested	Unit	Measured		Specified / Reference (R)		Spec (No.)
			Min.	Max.	Min.	Max.	
RM	Tensile strength Rm	MPa	439	440	290		(2)
A	Elongation A	%	4,1	4,1	3,0		(2)

**Further inspections**

	Parameter tested	Unit	Measured		Specified / Reference (R)		Spec (No.)
			Min.	Max.	Min.	Max.	
WS	Eddy current test 100%		Result good				(4)
IC	Carbon content test	mg/dm <sup>2</sup>	0,06	0,07		0,10	(2)

**Method of control of dimensions**

	Parameter tested	Unit	Measured		Specified / Reference (R)		Spec (No.)
			Min.	Max.	Min.	Max.	
DRMAMW	Mean outside diameter	mm	22,015	22,020	21,950	22,050	(4)
DRMAUR	Outside diameter incl out-of-roundness	mm	21,970	22,060	21,940	22,060	(4)
WDIMU	Wall thickness incl. eccentricity	mm	0,870	0,900	0,850	1,150	(4)
LG	Length	mm	5007,00	5007,00	5000,00	5010,00	(4)

**Products according to NF EN 1057 are manufactured in accordance with a quality assurance system certified by TÜV SÜD Industrie Service GmbH - identification number 0036 - in accordance with Annex I, paragraph 4.3 of the Pressure Equipment Directive 2014/68/EU, AD2000 data sheet W0 and EN 764-5, paragraph 4.2.**

**Products according to NF EN 1057 are manufactured according to a quality assurance system certified by TÜV Süd BABT in accordance with the requirements of the Pressure Equipment (Safety) Regulation 2016/1105, Schedule 2, Part. 4, Para.31 (8) and EN 764-5, Para. 4.2.**

## Attestation of conformity

As manufacturer we declare that the products described herein comply with the specifications agreed with the purchaser, with the above-mentioned standards, descriptions, quantity and the data indicated in this certificate.

These products have been manufactured to our certified quality system. Our quality system is subjected to regular inspection by SGS (reg.no. DE21/819945125 and DE21/819945126).

The results of the chemical analysis and of the mechanical-technological and physical tests have been determined by our test laboratory which has been certified.

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Tobias Partl (Inspection Representative)  
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Computer-generated inspection certificate