

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. : 44518114
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 003
Inspection lot No. : 890001784489
Our delivery note No. : 83436664 030
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: 28,000 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. : 435228101&
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		441	290		(1)
A	Elongation A	%		5,1	3,0		(1)

Further inspections

	Parameter tested	Unit	Measured		Specified / Reference (R)		Spec (No.)
			Min.	Max.	Min.	Max.	
WS	Eddy current test 100%		Result good				(2)
IC	Carbon content test	mg/dm ²		0,07		0,20	(1)

Method of control of dimensions

	Parameter tested	Unit	Measured		Specified / Reference (R)		Spec (No.)
			Min.	Max.	Min.	Max.	
DRMAMW	Mean outside diameter	mm	27,985	27,990	27,950	28,050	(2)
DRMAUR	Outside diameter incl out-of-roundness	mm	27,950	28,030	27,940	28,060	(2)
WDIMU	Wall thickness incl. eccentricity	mm	0,880	0,920	0,850	1,150	(2)
LG	Length	mm	5007,00	5007,00	5000,00	5010,00	(2)

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.

Tobias Partl (Inspection Representative)
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Computer-generated inspection certificate