

Dezincification resistant brass alloy, CW602N

Holder/Issued to

Nordic Brass Gusum AB

SE-615 71 Gusum, Sweden

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Product description

Composition of dezincification resistant brass alloy (weight%):

Cu: 61,0-62,0	Pb: 1,7-2,0	As: 0,02-0,05	Ni ≤ 0,1	Fe ≤ 0,1
Mn ≤ 0,01	Sn ≤ 0,1	Al ≤ 0,05	Zn: remaining	

Total impurities: max 0,2 weight%.

Manufacturing of faucet components are made by hot pressing.

Intended use

The brass alloy is intended for manufacture of components for use in tap water installations.

Trade name

CW602N

Approval

The product satisfy the requirements set forth in chapter 8, 4 § 3 PBL, in respect to and under conditions stated in this certificate, and are therefore approved in accordance with the provisions of the following sections of Boverket Building Regulations (BBR) and Boverket mandatory provisions on application of the European construction standards (Eurocodes), (EKS): both issued by the National Board of Housing, Building and Planning:

Design

6:625, 1st sentence

The approval is valid under the condition that semi products are produced by extrusion.

Semi produced products intended for machining needs to heat treated at (500-550)°C for 1-2 hours, followed by slow cooling in air.

Products produced by hot forging needs to be done at (700-850)°C followed by heat treating at (500-550)°C for 1-2 hours, followed by slow cooling in air.

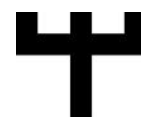
Type approval 7039/85| 2020-02-13

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2019-06-10



9P03249



Control

The factory production control (FPC) is monitored by an independent inspection body.
Control agreement: 018/16, Inspection body: Kiwa Sverige AB.

When inspection before use is performed, markings shall be checked to ensure that the correct products have been supplied and that they are used in accordance with the conditions in this approval. Further the product shall be accompanied by a manufacturer's assurance, certifying that the product has been manufactured in accordance with the documents on which this approval is based.

Manufacturing place

Production control includes the following place:
Nordic Brass Gusum AB, SE-615 71 Gusum.

Marking

The products are to be marked at the factory. The marking consists of a label on every packing supplied and includes:

Holder/Distributor/Manufacturing place
Consecutive manufacture No.
Type approval number
Boverket's registered trade mark
RISE Accreditation number
Certification body
Inspection body

Nordic Brass Gusum AB
order number
7039/85
†
1002
RISE
Kiwa Sverige AB

Basis for assessment/approval

Reports 788100, 10511-15 and 13682 from Swerea KIMAB.
Report 018/16 from Kiwa Sverige AB.
Reports DL-616430, DL-639617 and DL-575624 from D-Lab.
Report 15831 from RISE KIMAB.

Comments

The brass alloy CW602N is tested according to standard SS-EN 12165 for recipe and dezincification resistance.

This approval supersedes the previous approval with the same number dated 2017-05-23, valid through 2019-12-10.

Validity

Valid through 2025-02-12.

The validity of this approval expires when the characteristics included in this approval shall be CE-marked according to the Construction Products Regulation (EU) 305/2011.

Johan Åkesson

This is a translation from the Swedish original document. In the event of any dispute as to its content, the Swedish text shall take precedence.