



Date of issue: 26. August 2015
This report enfolded 4 pages.



Staatliche Versuchsanstalt

Kunststoff- und Umwelttechnik

FEDERAL INSTITUTE OF TECHNOLOGY
PLASTICS TECHNOLOGY AND
ENVIRONMENTAL ENGINEERING

Test Report

TGM – VA KU 25126

Initial test according to OENORM B5014-3:2012
Brass fittings

Commissioned by: Industrial Blansol S.A.
Address: Av. Camí Reial de Caldes 34, 08184 Palau Solità i Plegamanas,
Spain
Order reached: 27. March 2015
Sign of order: Inspection contract V15-KU021
Receiving of test sample(s): B-4802 (2015-07-10)
Testing period: CW 28-36/2015
TGM-number: 336/15





Testing body: TGM Federal Institute of Technology
Plastic Technology and Environmental Engineering

Applicant: Industrial Blansol S.A., 08184 Palau Solità i
Plegamanas, Spain

Manufacturer: Industrial Blansol S.A., 08184 Palau Solità i
Plegamanas, Spain

Trade name of the product: Brass fittings

Type of component: fittings

Type of material: copper-zinc-lead-alloy

Trade name of the material: CW617N

Area of application: B and C

Valid: 5 years from the date of issue

Results

Material assessment: Listed in ONR 25014-3 from 15. November 2013

Constraint: none

Alloying element	Measured value % w/w	Limit value % w/w
copper	58.6	57.0 to 60.0
zinc	38.5	rest
lead	2.2	1.6 to 2.2
aluminium	0.015	≤ 0.05
iron	0.28	≤ 0.3
nickel	0.084	≤ 0.1
silicon	0.001	≤ 0.03
tin	0.28	≤ 0.3



The producer has the required appliance and the qualified staff to carry out the test according to the internal quality control required by paragraph 12.4.1 of OENORM B5014-3:2012. A product specific quality plan is available.

Summary

For complete conformity with OENORM B5014-3:2012 the product has to be registered by Austrian Standards plus Certification (AS+C).

Furthermore a factory product control has to be carried out by the manufacturer is required. An identity check for each incoming material is necessary. The production parameters have to be controlled at least once per batch. The data of the self-monitoring has to be recorded and traceable for at least 10 years. All has to be defined in a quality plan.

Changes in the formulation or the production conditions have to be reported immediately to the testing body.

A third party inspection has to be carried out every year by the testing body.

All test required according to OENORM B5014-3:2012 were carried out. The supplied samples comply with this standard.



The present report

umfasst

4 Pages 0 Appendix(es) (with 0 pages)

Official in charge: Dipl.-Ing. Stefan Wibihal BSc

Vienna, 26. August 2015



Ing. Helmut Richter
Authorized Expert

Prof. Dipl.-Ing. Andreas Schmidt
Head of Department

HR Dipl.-Ing. Karl Reischer
Principal

Accredited as testing and inspection body
by decree BMvA 92714/589-IX/2/97 and
by decree OIB-190-001/99-054



1. The test results recorded in this document refer exclusively to the test item described.
2. The documentation and material returned to the client have been marked when necessary by the Testing Institute as far as this is possible.
3. A third party will only be notified of the content of this document at the written agreement of the client.
4. The reproduction of excerpts from this document shall require the permission of the Testing Institute.