

# TEST REPORT

for the test of conditions regarding the promotion of the microbial growth according to the valuation basis for plastics and other organic materials in contact with drinking water (KTW-BWGL) of the Federal Environment Agency (UBA), chapter 5 and chapter 6 (status: 07.03.2022)

Test method: **DIN EN 16421, Method 2 (Status: 05/2015)**

Product: test plates made of KLINGERSIL® C-4430  
Material: flat gasket quality  
Name and address of client: Rich. Klinger Dichtungstechnik GmbH & Co. KG,  
GUMPOLDSKIRCHEN, ÖSTERREICH  
Order date: 02.10.2023  
Reference number: 5-0397/24  
Test period: 14.12.2023 – 06.03.2024

The following results were determined in accordance with chapters 5 and 6 relevant to the test:

## 6.1 Formulation assessment:

The recipe was provided and assessed according to chapter 5.2 and Annex A:

TZW ref. no. of the formulation: KC 0621-23

Composition requirements: P3 product, therefore no requirement for the composition

## 6.2 Requirements for the test specimens:

Type of test specimen: green plates, 202 x 198mm  
Production process: calendering  
Date and place of manufacturing: not specified, Rich. Klinger Dichtungstechnik GmbH & Co. KG  
Date of sampling: not specified  
Samples taken by: client  
Receipt of the sample: 27.11.2023  
Storage conditions before tests started: dry, ambient temperature, without interference of light

Publication of the test report - in full or in excerpts - is not permitted without the express permission of the test centre.

# TEST CERTIFICATE

for tests according to DVGW standard W 270 (11/2007)

Manufacturer: Rich. Klinger Dichtungstechnik GmbH & Co. KG, Gumpoldskirchen, Österreich

Test item: test plates, flat gasket-quality

Name of material: KLINGERSIL® C-4430

Date of reception: 23.09.2019

Samples taken by: manufacturer

TZW-reference no.: MO 193/19

The presented material KLINGERSIL® C-4430 complies with regard to microbiological aspects with the requirements of DVGW standard W 270 (11/2007).

The detailed test results are given in a separate test report.

The validity is fixed by other instructions and expires on 31.12.2021 at the latest.

The test certificate becomes invalid if the material composition or manufacturing has been changed.

Karlsruhe, 31.01.2020



Dr. J. Klinger / i.V. Dr.-Ing. R. Turković  
Head of the Test Centre

The publication of this test certificate - completely or in parts - is not permitted except of written approval by the test centre