

# TEST REPORT

for assessment according to the "Evaluation criteria for plastics and other organic materials in contact with drinking water (KTW-BWGL)" / annex D of the German Environment Agency (UBA), Status: 07.03.2022

Product:	sheets made of KLINGERSIL® C-4430
Material:	flat gasket quality
Product group:	Small ancillary components (P3) for pipes with ID < 80 mm
Temperature range:	Cold water (23 °C ± 2 °C) and hot water (85 °C ± 2 °C)
Name and address of client:	Rich. Klinger Dichtungstechnik GmbH & Co. KG, GUMPOLDSKIRCHEN, AUSTRIA
Order date:	02.10.2023
Reference number:	5-0936/23
Type of test:	Type-test
Test period:	08.01.2024 – 06.02.2024

In accordance with chapters 5 and 6 the following results were obtained:

## 6.1 Formulation assessment:

Formulation was submitted for identification

TZW Ref. No. of the formulation KC 0621/23

Formulation requirements not required

## 6.2 Requirements for test samples:

Type of test samples: sample-sheets (200x200x2mm + 100x80x2mm)

Sample number: S01639-23

Production process: calendering

Date and place of manufacturing: No indication of date, Rich. Klinger Dichtungstechnik GmbH & Co. KG, GUMPOLDSKIRCHEN, AUSTRIA

Date of sampling: not specified

Samples taken by: report owner

Receipt of the samples: 24.11.2023

Storage conditions before test: dry, ambient temperature, without interference of light

Material fingerprint: FTIR-ATR spectrum recorded

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

## TEST CONFIRMATION

according to elastomer guideline extended transitional rule concerning the examination of flat gasket material samples "sheets produced with KLINGERSIL® C-4430" in accordance with the guideline for hygienic assessment of elastomers in contact with drinking water (Elastomer Guideline) of Umweltbundesamt (UBA)

Manufacturer: Rich. Klinger Dichtungstechnik GmbH & Co. KG, Gumpoldskirchen, Österreich  
Type of the test material: flat gasket material  
Brand Name of the test material: "sheets produced with KLINGERSIL® C-4430"  
Type of the sample: sheets  
Samples received: 15.05.2020  
Sampler: manufacturer  
TZW-reference-no.: KA 0082/20

### Test results

1. Material composition: was given under KC 698/19 and approved
2. Migration test:  
Cold water 23°C: requirements kept  
Hot water 85°C: requirements kept  
Test results see Prüfzeugnis KA 0082/20 of 15.10.2020
3. Summary:  
The examined flat gasket material samples "sheets produced with KLINGERSIL® C-4430" comply with the requirements of the Elastomer Guideline of Umweltbundesamt (UBA) (Bundesgesundheitsblatt current version) in the complete range of gaskets.

### Remarks:

This confirmation expires on 31.12.2021.  
Reference to the original German text is recommended if necessary.

Karlsruhe, 12.01.2021



Dr. J. Ruppert / i.V. B. Stulz  
Head of the Test Centre

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