

TEST CERTIFICATE

according to Transitional Arrangement for list 2 of UBA-Elastomeric Guideline concerning the examination of "Sheets produced with novatec® PREMIUM XP" in accordance with the elastomer guideline of Umweltbundesamt (UBA)

Manufacturer: Frenzelit GmbH, Bad Berneck
 Type of the test material: graphit reinforced with aramid fibres quality
 Brand Name of the test material: "Sheets produced with novatec® PREMIUM XP"
 Type of the sample: delivered sheets
 Samples received: 18.04.2017
 Sampler: manufacturer
 TZW-reference-no.: KA 0312/17

Test results

1. Material composition: was given under KC 320/17 and approved
2. Migration test:

Cold water 23°C	1. – 3. day	4. – 6. day	7. – 9. day	Standard value for 3. extr.
Clarity, colour, taste, odour, foaming	nsa	nsa	nsa	not significantly affected
C-migration [mg/l] [C _{Tap}]	0,13	0,07	0,06	≤ 0,5

Formaldehyde [mg/l] [C _{Tap}]	<0,0002	<0,0002	<0,0002	≤ 0,75
Zink*) [mg/l] [C _{Tap}]	0,108	0,116	0,119	≤ 3,0
Secondary Amines*) [mg/l] [C _{Tap}]	0,000026	0,000015	0,000007	≤ 0,25

Primary Aromatic Amines*) [µg/l]	n.n	n.n	n.n	≤ n.n.**)
----------------------------------	-----	-----	-----	-----------

2 Ingredients under confidentiality*)	Approximate value kept		Drinking Water-SML-values
---------------------------------------	------------------------	--	---------------------------

*) test results TZW (D-PL-14555-01)

**) n.n. according Elastomer guideline

The examined samples "Sheets produced with novatec® PREMIUM XP" comply with the requirements accordance with the elastomer guideline of Umweltbundesamt (UBA) (Bundesgesundheitsblatt current version) in the complete range of gaskets.


Remarks:

This certificate is based on (TZW-Az.: 174/17) dated on 13.07.2017 and was transcribed in English.

This certificate expires on 31.12.2021, if not otherwise limited by product standards/certification reasons or by changes in the procedural conditions.

Reference to the original German text is recommended if necessary.

Karlsruhe, 16.08.2017


 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