

TEST CERTIFICATE (P)

according to Transitional Arrangement for list 2 of UBA-Elastomeric Guideline concerning the examination of rubber samples compound "Sunaflex T 8165" in accordance with the elastomer guideline of Umweltbundesamt (UBA)

Manufacturer: Compounds AG, Pfäffikon, Schweiz
Type of the test material: rubber quality (EPDM)
Brand Name of the test material: compound "Sunaflex T 8165"
Type of the sample: delivered sheets
Samples received: 08.01.2013
Sampler: manufacturer
TZW-reference-no.: KA 0134/18

Test results

1. Material composition: was given under KC 160/18 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}]	0,02	0,02	0,02	≤ 0,5
Cl ₂ -migration [mg/l] [C _{Tap}]	0,26	0,15	0,17	
Formaldehyde [mg/l] [C _{Tap}]	0,0001	<0,0001	0,0001	≤ 0,75
Zink*) [mg/l] [C _{Tap}]	0,009	0,009	0,008	≤ 3,0
Primary Aromatic Amines*) [mg/l] [C _{Tap}]	<0,000005	<0,000005	<0,000005	≤ 0,002
Secondary Amines*) [mg/l] [C _{Tap}]	0,0071	0,0068	0,0051	≤ 0,25
2-Mercaptobenzothiazol*) [mg/l] [C _{Tap}]	0,0081	0,0087	0,0083	≤ 0,4
PAK*) [mg/l] [C _{Tap}]	0,0000017	0,0000019	0,0000019	≤ 0,00010
3 Ingredients under confidentiality*)	Approximate value kept			Drinking Water-SML-values

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

The examined rubber samples compound "Sunaflex T 8165" comply with the requirements accordance with the elastomer guideline of Umweltbundesamt (UBA) (Bundesgesundheitsblatt current version) in the range of gaskets for pipes with DN < 80mm.

Remarks:

This certificate is referring to the first evaluation (TZW-Az.: KA 003/13) dated on 30.07.2013. The limitation has been cancelled. Furthermore it was prolonged under (TZW-Az.: KA 103/18) dated on 27.03.2018.

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, 26.04.2018

24.04.2018
Compounds AG
Barzloostrasse 1
CH-8330 Pfäffikon ZH

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

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