

Test Report

Report No.: 2000205 / 9963 / 1Hk **Date:** 2020-10-23

Client / Producer: LUNA PLAST a.s.
Hořin 93
27601 Mělník
Czech Republic

Subject: Pipe Ø 32 x 3,0 mm made out of PE 100 Sabcic Vestolen
6060R black

Task: Type test according to UBA Evaluation Criteria for plastics
and other organic materials in contact with drinking water
(Issue 2019-03-11)

Order: 2019-11-21 by SKZ Testing GmbH

Date of sampling: ---

Location of sampling: no samples taken by OFI employees – samples were sub-
mitted by client

Receipt of samples: 2019-12-02



Nicht akkreditierte Verfahren sind als solche gekennzeichnet.
Non-accredited procedures applied have been named as such.

1 SCOPE OF WORK

As ordered the received samples – with consideration of existing test a/o inspection results from accredited laboratories – were tested for fulfilment of the requirements given by the UBA Evaluation Criteria.

This test report replaces the test report no. 2000205 / 9963 / 1H.

2 SCOPE OF APPLICATION

The results given in this Test Report have been obtained under the specific conditions of the individual tests. They shall serve as proof for the client of the conformity of the samples tested to the requirements of the product standard(s) given.

3 TESTS AND RESULTS

Testing took place from 2020-01-27 to 2020-06-02.

The tests were carried out in the individual technical departments within the scope of competence of the authorized signatories according to the OFI QM manual.

The formulation of the material used was also checked for conformity with stated Guideline. The specified test conditions, the used methods and the used devices are given in the following tables.

Submitted external test / inspection results:

- EN16421 test report 202128/19 from SKZ in Würzburg dated 2020-08-17

4 RESULTS

The results of all tests are shown in Table 1 and Table 2.

Table 1: Summary of general Results

Parameter	Requirement
Composition Requirements according to chapter 5.2	fulfilled
Requirements for microbial growth according to chapter 5.6	fulfilled (general use)

Table 2: Results cold water tests

Parameter (<i>unit</i>)	1. Mig.	2. Mig.	3. Mig.	Requirement ¹
Foaming	n.o. ²	n.o.	n.o.	n.o.
Turbidity (<i>FNU</i>)	0,1	0,1	0,1	≤ 0,5
Colour (<i>mg/L Pt</i>)	< 10	< 10	< 10	≤ 10
Threshold odour number (<i>TON</i>)	1	1	1	≤ 2
Total organic carbon (<i>MCT_{TAP} mg/L</i>)	0,1	< 0,1	0,1	≤ 0,5
Substances subject to restriction and confidentiality	Migration limit kept			

¹ Requirements given by the UBA Evaluation Criteria for 3rd migration period

² Not observed

This Test Report No. **2000205 / 9963 / 1Hk / 1H** comprises
4 sheets with 3 table(s), 0 figure(s) and 0 appendix(es).

Any test results relate only to the samples tested. Test Reports may be made available to third parties, either free of charge or against payment, if the full wording of the Test Report is given and if OFI is expressly named as the author. All tests applied are subject to a quality assurance program according to EN ISO/IEC 17025:2017.

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