

**Test report no.:** 237768

**Client:** KURO Kunststoffe GmbH  
 Industriestr. 45  
 DE-26188 Edewecht

**Order:** Test of "Resistance to deformation - Compression Test"  
 according to ENATS 12-24, section 16.4

Production plant: DE-26188 Edewecht  
 Brand name: Sewer Lock  
 Certificate no.: SKZ A 512  
 Material: PVC-U

**Letter of:** 2024-07-01                      **Reference:** ---

**Receipt of samples:** 2024-07-04                      **Sampling:** ---


**Test period:** 2024-07-11 bis 2024-07-11

This test report comprises 3 pages.

Würzburg, 15 July 2024  
 Dor/we/stei

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The original language of the test report is German. In case of doubt the German version is obligatory.  
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 The results refer to the products tested. The scope of accreditation is available on the Internet at [www.skz.de](http://www.skz.de).

## 1 Order

By email of 1 July 2024 the company KURO Kunststoffe GmbH placed an order with SKZ – Testing GmbH to carry out the “Compression Tests (Resistance to deformation)” according to ENATS 12-24, section 16.4.

## 2 Test material

SKZ – Testing GmbH had no influence on the selection of samples and received the following test material from the client.

Sample no.	Designation	Dimension [mm]	Quantity	Colour
1	pipe	200 x 5.9	10 x 1 m	red

The markings of the samples read as follows:

Sample no.	Marking
1	KURO KUNSTSTOFFE DIN16873 PVC-U SKZ A512 200x5,9 26.06.2024 / 11:09 M3

## 3 Test procedure

In case that a conformity assessment is issued, the general decision rule is as follows: The measurement uncertainty and the standard deviation are not taken into account. Deviations from this rule are only made at the client's request, in the case of standard specifications or other specifications about which the client is informed in each individual case.

Unless otherwise noted all tests were carried out at standard atmosphere 23/50, class 2, according to DIN EN ISO 291:2008-08 “Plastics – Standard atmospheres for conditioning and testing”.

The tests were carried out according to ENATS 12-24 section 16.4 “Resistance to deformation – Compression Test”.

#### 4 Test results

##### 4.1 Delivery condition, appearance, surface condition

The pipes had smooth outer and inner surfaces corresponding to the manufacturing process. The pipes were clean and free of grooves, bubbles or other surface defects.

##### 4.2 “Resistance to deformation – Compression Test” according to ENATS 12-24, section 16.4

Sample no.	Number of test specimens	Deformation velocity [mm/min]	Deformation [%]	Force ACTUAL [N]	Force SET [N]
1	9	15	5	542	≥ 450

The samples were preconditioned in the oven at 75 °C for 1 hour.

#### 5 Summary of test results

The presented test material met the requirements of ENATS 12-24 in section 16.1 for “Class 1” within the tested scope.