

TEST REPORT

No. 388/13

Client	Noaks Herr Christof Nagel Platanenallee 70 D-47058 Duisburg
Date of order	2013-11-29
Date of receiving the specimens	2013-12-02
Period of testing	2013-12-03 and 2013-12-04

1 TEST OBJECT

1.1 Designation / Number of pieces

ZIP-Bag / 5 pieces

labelled with Product-No.: 60.01.021, size M, No. 1 to 5

1.2 Producer see client

2 TASK

Testing to determine the degree of protection IP Code X8 in accordance with
DIN EN 60529 : 2000-09 (VDE 0470-1)

3 TEST PROGRAMME

3.1 Initial visual examinations

3.2 Testing to determine the degree of protection – IP Code X8 – against dipping in accordance with DIN EN 60529 , chapter 14.2.7

- filling of specimen with dummies, e.g. small steel balls and a plastic plate

Exposition of test object immersed in autoclave with 1 bar overload pressure
equates to 10 m water depth
pressure application by pressure control valve

Water temperature difference of sample temperature no more than 5 K

Test duration 120 min

- the external adherent water is removed with filter paper
- visual inspection with regard to entered water in the specimen

4 RESULTS

4.1 Initial visual examinations

Damages or defects are not visible.

4.2 IP Code X8 Test

No water is visible inside the specimens.

Changes are not visible.

5 EVALUATION

The specimens in accordance with sub-clause 1.1 have passed the test to determine the degree of protection IP Code X8 / 10 m / 2 h in accordance with DIN EN 60529.

Leipzig, 2013-12-04

**Laboratory for Environmental
Testing and Material Testing**

annex sheet 1/1

Dr.-Ing. Frank Eler
Laboratory Manager



figure 1 position for IP Code X8 Test



figure 2 specimen No. 5 after IP Code X8 Test, exemplary