

Test laboratory for the fire behavior of building materials, Dipl.-Ing. (FH) Andreas Hoch
Testing, supervising and certifying body, authorized by the building supervision authority

TEST REPORT

PZ-Hoch-210790

for the proof of Fire behaviour according to DIN 4102, part 1

Translation of the German test report – no guarantee for translation of technical terms

company	SAINT CLAIR TEXTILES 415, avenue de Savoie F-38110 Saint Clair de la Tour
description of samples	polyester mesh fabric, coated with PVC, in 3 different colours
name of the material	„OMESH 40 L”
sampling	by the company itself
content of request	Proof of flammability to classify building materials to class B1 “schwerentflammbar” according to DIN 4102, part 1
validity of test report	31.05.2025
result	The examined product meets in black, white and grey tones the requirements of class B1 for “schwerentflammbare” (hardly flammable) building materials according to DIN 4102, part 1 (May 1998) , suspended freely or with distance of >40 mm to same or other plain materials. The examined product shows burning droplets.

This test report includes 5 pages and 7 enclosures.

Remark: If the above mentioned building material is not used as product according to MBO § 2, Abs. 9, Ziffer1, there is no need for a general building supervisory test report.

This test report is not valid if the examined building material is used as product in the meaning of state building prescriptions (MBO § 17, Abs. 3).

This test report does not replace an eventually necessary proof of applicability concerning building supervisory or building laws in the meaning of state building prescriptions. This has to be verified by:

- “allgemeine bauaufsichtliche Zulassung” (general building inspectorate approval) or by
- „allgemeines bauaufsichtliches Prüfzeugnis“ (general building inspectorate certificate) or by
- “Zustimmung im Einzelfall” (exceptional approval)

This test report can underlie building supervisory procedures

- for regular building products for the prescribed proofs of conformity
- for non regular building products for the needed proofs of applicability.

This test report must not be published and copied without preceding agreement of the test laboratory and if agreed, only during validity and unchanged concerning appearance and contents.

1. Description of test material in condition as delivered

- PN 33514:** “OMESH 40 L“ colour: black
-polyester mesh fabric, coated with PVC-
side A: glossy / side B: mat
characteristic values determined by the test laboratory:
area weight: about 473 g/m² thickness: about 0,80 mm
- PN 33515:** “OMESH 40 L“ colour: grey
-polyester mesh fabric, coated with PVC-
side A: glossy / side B: mat
characteristic values determined by the test laboratory:
area weight: about 450 g/m² thickness: about 0,80 mm
- PN 33516:** “OMESH 40 L“ colour: white
-polyester mesh fabric, coated with PVC-
side A: glossy / side B: mat
characteristic values determined by the test laboratory:
area weight: about 515 g/m² thickness: about 0,80 mm

The testing laboratory is not provided with further details concerning composition of the tested building materials. Samples are deposited.

2. Preparation of samples

The samples were kept in climate chamber 23/50 until they reached constant weight.

3. Arrangement of samples mounting: freely suspended

#4612	flaming side A in warp direction	grey
#4613	flaming side B in warp direction	grey
#4614	flaming side A in weft direction	grey
#4615	flaming side B in warp direction	white
#4616	flaming side B in warp direction	black

4. Date of test CW 25 in 2021