

Test report no.: 217811/21

Customer: Astari Europe GmbH
Industriering 7
63868 Grosswallstadt

Order: Tests to assess the fire hazard according to
DIN EN 60695-2-11: 2014-11 and DIN 60695-2-12: 2015-01
- Glow wire tests

Order of: 2021-05-17

Reference: Andreas Reinhold

Samples received: 2021-05-17

Sampling: ---

Test date: 2021-06-01

The test report comprises 3 pages.

Würzburg, 7 June 2021
Reu/mo

i. V.

Dr.-Ing. Andrea Monami
Deputy Head of Testing Laboratory



i. A.

Dr. Irene Reuther
Group Manager
Testing Laboratory Analytics

Die auszugsweise Wiedergabe, Vervielfältigung und Übersetzung dieses Berichtes bedarf der schriftlichen Genehmigung der SKZ – Testing GmbH. Die Ergebnisse beziehen sich auf die geprüften Produkte. Der Akkreditierungsumfang kann im Internet unter www.skz.de eingesehen werden.

1. Order

By order of 15 May 2021 the company Astari Europe GmbH, Industriering 7, 63868 Großwallstadt, instructed the SKZ - Testing GmbH with the glow wire test according to DIN EN 60695-2-11 and DIN EN 60695-2-12.

2. Test material

On 17 May 2021 the SKZ - Testing GmbH received from Andreas Reinhold 20 plates 60 x 60 x 4 mm, made of cast acrylic glass by Astari Internasional P. T., Indonesia, with the trademark ASTARIGLAS®.

Further details regarding the composition and the production of the test material were not submitted to the SKZ - Testing GmbH.

3. Test procedure

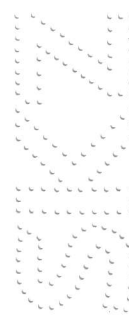
Usually, we carry out tests according to standards for which we have an accreditation. The list of all standards for which we are accredited is shown on the homepage at www.skz.de. Non-accredited test methods are marked with an *.

The test plates were stored for 48 h at normal climate 23/50 class 1 according to DIN EN ISO 291: 2008-08 before the start of the test.

Subsequently, the glow wire tests were performed according to DIN EN 60695-2-11: 2014-11 or DIN EN 60695-2-12: 2015-01 on 3 specimens each starting at a test temperature of 650 °C.

4. Test results

The following table summarizes the test results according to DIN EN 60695-2-12. The wall thickness of the parts, the test temperature, ignition from contact with the glow wire and the total burning time are mentioned.



Sample	Thickness [mm] of	Temperature [°C]	Ignition?	Time to go out [s]	Pad ignited?
1	4.0	650	does not burn	---	---
2	4.0	650	does not burn	---	---
3	4.0	650	does not burn	---	---
4	4.0	700	does not burn	---	---
5	4.0	700	does not burn	---	---
6	4.0	700	does not burn	---	---
7	4.0	750	does not burn	---	---
8	4.0	750	does not burn	---	---
9	4.0	750	does not burn	---	---
10	4.0	800	burns	> 30	no
11	4.0	800	burns	> 30	no
12	4.0	800	burns	> 30	no
13	4.0	775	does not burn	---	---
14	4.0	775	does not burn	---	---
15	4.0	775	does not burn	---	---
Test result:					
GWFI / GWEPT: 775					