

Informationen

zur Zertifizierung schwer entflammbar nach französischer Norm M2

Stoff • atlanta

Farb.-Nr.

671.xx

Prüfzeugnis **K-Hoch-231156**

Bestätigung Die Firma erfal bestätigt, dass dieser Qualität das Zertifikat **K-Hoch-231156** zugrunde liegt.

Datum 04.10.2023



Jörg Erlar
Geschäftsführer

erfal steht für Qualität Made in Germany.

Um eine lange Lebensdauer unter Wahrung der ursprünglichen Produkteigenschaften zu gewährleisten, sollten Sie die mitgelieferten Pflege- und Reinigungsmöglichkeiten unbedingt beachten.

Bei Fragen zur Pflege unserer Stoffe melden Sie sich bitte bei:

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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

Prüfinstitut Hoch, Lerchenweg 1, D-97650 Fladungen

Fladungen, October 04th 2023

AITEX Instituto Tecnológico Textil

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K-Hoch-231156

fire tests according to DIN 4102-1 (B1) with following material

EN REPRESENTACIÓN: SCREEN PROTECTORS S.R.L.

PN 37757: „FABRIC 2023GL6167 (OPAC 400 0202 BLANCO 1F11-230477)“
-white fabric, consisting of 25% glass fibre and 75% PVC-
side B: a little bit more structured
thickness ≈ 0,35 mm area weight ≈ 464 g/m²

Dear Mrs. Alarcon,

with the fabric we did fire tests acc. DIN 4102-1 in the “Brennkasten” and one “Brandschacht”-test with the following results:

Brennkasten-Test	edge-test	surface-test
max. flame height	10 cm	8 cm
dropping of burning material	no	no

The flame must not hit the gage mark of 15 cm.

Brandschacht-Test	#6940
flamed side / direction	side A in warp direction
max. flame height	>100 cm
time of occurrence	0:07 min–0:17 min
max. smoke temperature	552°C
rest length sample 1 - 4	0/0/0 cm
rest length (average)	0 cm
smoke development	33 %min
burning droplets	no

the rest length must be >15 cm, the maximum smoke temperature must be lower than 200°C

Results:

- **The fabric passes the “Brennkasten”-test (B2).**
- **The fabric does not pass the “Brandschacht”-test:**
After 7 seconds the coating of the fabric burns with flame heights of >100cm.
After further 10 seconds these high flames decrease.
Caused by this influence all 4 samples are destroyed until to the top edge.
So the average rest-length is 0cm and under the demanded minimal average rest-length of 15cm.
The smoke temperature is 552°C and so far over the limit of 200°C.
- **It is not possible to classify the fabric according to DIN 4102-1 / class B1.**
We will dispose the rest of the material within the next days.

Yours sincerely

J. Hammer

1 enclosure

Brandschacht-Test #6940

appearance after the test

fabric burns on the whole surface



measurement

#6940, PN37757: "FABRIC 2023GL6167", A + K

Max. flue temperature: 552°C, Smoke density integral: 33%/min

Residual length: 0 cm

