

TFI Report 490968-01

Reaction to fire test

For the classification according to EN 13501-1:2010

Customer

rohi stoffe GmbH
Schönlinderstr. 1
82538 Geretsried
GERMANY

Product

textile fabrics
SHAKE

This report includes 3 pages and 1 annex.

Responsible at TFI

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Aachen, 21 August 2019



Dr. Bayram Aslan

The present document is provided with an advanced electronic signature.

This report only applies to the tested samples and has been established to the best of our knowledge. Only the entire report shall be reproduced. Under no circumstances, extracts shall be used. Furthermore, we apply the "General Terms and Conditions for the Execution of Contracts" of the TFI Aachen GmbH, also with regard to the order execution.

1 Transaction

Test order	Reaction to fire test for construction products according to EN ISO 11925-2:2010
Order date	26 July 2019
Your reference	S. Strößner
Product designation	SHAKE, fabric no: 291630
TFI sample number	19-07-0227
Date of manufacture	not specified
Date of sample receipt	31 July 2019
Sampling performed by	Customer

2 Product Specification

Type of manufacture	woven (flat jacquard fabric*)
Type of surface	woven structure
Pattern	multicoloured, patterned
Colour	black, white
Use surface	95 % virgin wool, 5 % polyamide*
Total mass per unit area [g/m ²]	440*
	*customer information

3 Results

Ignitability of products subjected to direct impingement of flame according to EN ISO 11925-2:2010

Ignition	no
Flame tip	≤ 150 mm
Burning droplets	no
Adhesion	-none-
Substrate according to EN 13238:2010	-none-

This test report is the basis for a classification report according to EN 13501-1:2010.

The test results relate to the behaviour of the test specimens of a construction product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the construction product in use.



4 Annexes

Ignitability ^a KB 490968-01

The annexes marked ^a are based on tests accredited in accordance with EN ISO/IEC 17025.

Annex KB - Ignitability

1 Transaction

Product designation SHAKE
 TFI sample number 19-07-0227
 Testing period 12 August 2019

2 Test Method / Requirements

EN ISO 11925-2:2010 Part 2 Ignitability of products subjected to direct impingement of flame
 Substrate according to EN 13238:2010 -none-
 Type of fixation freely suspended
 Conditioning Conditioning according to EN 13238:2010
 Type of ignition Surface ignition
 Ignition time [s] 15
 Deviation from the standard • no substrate

3 Results

Parameter	Specimen no.					
	1	2	3	4	5	6
Orientation to the direction of production	in production direction	in production direction	in production direction	cross production direction	cross production direction	cross production direction
Ignition of the specimen	no	no	no	no	no	no
Flame tip (moment [s])	<150 mm (n.r.)	<150 mm (n.r.)	<150 mm (n.r.)	<150 mm (n.r.)	<150 mm (n.r.)	<150 mm (n.r.)
Maximum flame height [mm] (moment [s])	n.r.	n.r.	n.r.	n.r.	n.r.	n.r.
Burning droplets	no	no	no	no	no	no
Ignition of the filter paper	no	no	no	no	no	no

Observations: -none-