

TFI Report 500196-02

Reaction to fire test

Upholstered furniture

Customer

Krall+Roth Produktions GmbH
Höckendorfer Straße 2
08393 Meerane
GERMANY

Product

textile fabrics
4969 SHRINX colour 13

This report includes 2 pages and 2 annexes.

This report is a translation of test report no. 500196-01.

Responsible at TFI

Dipl.-Ing. Ulrike Balg

senior engineer fire testing

Tel: +49 241 9679 133

u.balg@tfi-aachen.de

Aachen, 13 March 2020



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	Assessment of the ignitability of upholstered furniture according to DIN EN 1021-1:2014
Order date	20 February 2020
Your reference	G. Mertens
Product designation	4969 SHRINX colour 13
TFI sample number	20-02-0122
Date of manufacture	not specified
Date of sample receipt	25 February 2020

2 Product Specification

Type of manufacture	woven
Type of surface	woven structure
Pattern	multicoloured, patterned
Colour	black, grey (colour 13*)
Material	84 % polyester, 15 % polyamide, 1 % elastane*
	*customer information

3 Results

Ignition of the material by smouldering cigarette	no
Classification according to EN 66084:2003	P-c

Note

The aforementioned results relate only to the ignitability of the material combination under the special conditions of the test. It is not intended to use them for assessing the entire fire risk arising from the material used.

4 Annexes

Photographs	F 500196-02
Ignition Source Smouldering Cigarette ^a	Z 500196-02

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

Annex F - Photographs

1 Transaction

Product designation	4969 SHRINX colour 13
TFI sample number	20-02-0122
Testing period	02 March 2020

2 Test Method / Requirements

-not specified-

3 Results



Annex Z – Ignition Source Smouldering Cigarette

1 Transaction

Product designation 4969 SHRINX colour 13
 TFI sample number 20-02-0122
 Testing period 02 March 2020

2 Test Method / Requirements

DIN EN 1021-1:2014 Assessment of the ignitability of upholstery furniture -
 Part 1: Ignition source smouldering cigarette

Deviations -none-

Water soaking procedure according to Annex D No

Filling material Standard polyether foam: AH/ (RG25/44), density 23 kg/m³

3 Results

Test no.	Ignition of the material	Type of ignition	Extinction of the test assembly	Result
1	no	-	no	no ignition
2	no	-	no	
3	no	-	no	

Comments: -none-