



TEST REPORT

Client: Gabriel
 Hjulmagervej 55
 Postbox 59
 DK-9100 Aalborg
 Denmark

Entry No: 113786-02

Date received: 19/11/2019

Client's Description: Fabric: Swing 51404. Composition: 54%Wool/ 44% PES/ 2% PA

Test Required: Flammability

Pre-treatment: None

Conditioning: A minimum of 24 hours at 50+/-5% Relative Humidity, 23+/-2°C

Date Tests Completed: 26/11/2019

Method of Test: BS EN 1021-1:2014 – smouldering cigarette
 BS EN 1021-2:2014 – match flame equivalent

The following test results relate only to the ignitability of the combination of materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use.

Ignition Source	Observations	Result
Smouldering cigarette	No flaming or progressive smouldering was observed within one hour of placement of the cigarettes.	Pass
Match flame equivalent	Flaming ceased within the specified two minute period after removal of the butane flame and no progressive smouldering occurred.	Pass

Note: 35 kg/m3 CMHR Foam was used as the filling

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This is hereby certified to be a correct return of the tests made of the items referred to herein



Daniel Young
 Senior Technologist
 06 January 2020

- ❖ Unless instructed otherwise by the client sample remnants will be disposed of after 28 days.
- ❖ Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.
- ❖ Tests marked ^F in this certificate are performed under the Laboratory's Flexible Scope of Accreditation.
- ❖ Uncertainty budgets for test methods contained within this report are available on request.
- ❖ The results have been obtain for the above test are due to the allowances that have been made based on the uncertainty of the measurement for this test and its associated measurements.

This Certificate relates only to the sample received and, unless that sample has been drawn by the staff of this laboratory, or its agent, and endorsed accordingly, any application of the result to a bulk quantity or other material is entirely the responsibility of the client.





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During the tests the following data was recorded: -

Time of Ignition (sec)	Smouldering cigarette			Match flame equivalent		
	No Ignition	No Ignition	No Ignition	7	7	7
Time to extinction of flame after removal of butane flame (sec)	N/A	N/A	N/A	16	17	17
Time of Cover Split (sec)	No split	No split	No split	11	10	9
Melting (Yes or No)	Yes	Yes	Yes	Yes	Yes	Yes
Dripping (Yes or No)	No	No	No	No	No	No
Charring (Yes or No)	Yes	Yes	Yes	Yes	Yes	Yes
Self-extinguished before smouldering full length (Yes or No)	Yes	Yes	Yes	N/A	N/A	N/A
Other phenomena						

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