



TEST REPORT

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

Entry No: 73523

Date received: 04/02/2016

Client's Description: Sample of fabric: Chess Royal, Colour: Plain

Test Required: Flammability

Pre-treatment: Water soaking in accordance with EN 1021 Annex D followed by Line drying

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

Date Tests Completed: 15/02/2016

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

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 and no progressive smouldering occurred.	PASS

Note: A 20-22 kg/m³ non fire retardant polyurethane 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



Dale Brockbank
 Materials Testing Manager
 16 February 2016

- ❖ 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.
- 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: -

	Smouldering cigarette			Match flame equivalent		
	No Ignition	No Ignition	N/A	2	3	2
Time of Ignition (sec)	N/A	N/A	N/A	1	1	1
Time to extinction of flame after removal of butane flame (sec)	No split	No split	N/A	No split	No split	No split
Time of Cover Split (sec)	Yes	Yes	N/A	Yes	Yes	Yes
Melting (Yes or No)	No	No	N/A	No	No	No
Dripping (Yes or No)	Yes	Yes	N/A	Yes	Yes	Yes
Charring (Yes or No)	No	No	N/A	N/A	N/A	N/A
Self-extinguished before smouldering full length (Yes or No)						

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