



TEST REPORT

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

Entry No: 94850

Date received: 25/01/2018

Client's Description: Sample of fabric: Chess Royal

Test Required: Flammability in accordance with BS 5852 ignition source 5

Pre-treatment: Water soak in accordance with BS5852:2006 Annex E followed by Line drying

Conditioning: A minimum of 96 hours at 50+/-5% Relative Humidity, 23+/-2°C

Date Tests Completed: 14/02/2018

Method of Test: BS 5852: 2006 Clause 11 (composites)

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 |
|-----------------|---|--------|
| 5 (Wood Crib) | Flaming ceased within the specified ten minute period after ignition of the crib and no progressive smouldering occurred. | PASS |

Note: A 35 kg/m³ CMHR foam (Carpenters RX36-125) 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
 14 February 2018

- ❖ 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.
 - ❖ 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: -

Source 5

| | | |
|--|-----|------|
| Time of ignition (sec) | 28 | 9 |
| Time to extinction of flaming (sec) | 301 | 322 |
| Time to extinction of smoke (sec) | 447 | 453 |
| Time to cover splitting (sec) | 102 | 102! |
| Damage on seat width (mm) | 79 | 115 |
| Damage on seat length (mm) | 313 | 342 |
| Damage on seat depth (mm) | 31 | 44 |
| Damage on back width (mm) | 85 | 85 |
| Damage on back length (mm) | 70 | 66 |
| Damage on back depth (mm) | 29 | 21 |
| Melting (Yes or No) | Yes | Yes |
| Dripping (Yes or No) | No | No |
| Charring (Yes or No) | Yes | Yes |

**after extinguishing when flaming had passed through full thickness on back of rig.

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