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|                       |                       |             |
|-----------------------|-----------------------|-------------|
| <b>Your notice of</b> | <b>Your reference</b> | <b>Date</b> |
| 07-08-2012            |                       | 23-08-2012  |

## Analysis Report 12.03484.02

Required tests :

**BS 5852 (2006)**

**Clause 11 (upholstery composite) - Assessment of the ignitability of upholstered seating - crib ignition source no. 5**

| Identification number | Information given by the client                          | Date of receipt |
|-----------------------|--|-----------------|
| T1211228              | Bowen FR - 92% wool / 8% Polyamid - 380 g/m <sup>2</sup> | 07-08-2012      |

result achieved with  
**additional FR finish**

Pros Van Hoeyland

Order responsible

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The results of the analysis cover the received samples. Centexbel is not responsible for the representativeness of the samples. In assessing compliance with the specifications, we did not take into account the uncertainty on the test results.

VAT BE 0459.218.289

Fin. Acc. 210-0472965-45

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**Reference: T1211228 - Bowen FR - 92% wool / 8% Polyamid - 380 g/m<sup>2</sup>**

**Clause 11 (upholstery composite) - Assessment of the ignitability of upholstered seating - crib ignition source no. 5**

|                             |                             |
|-----------------------------|-----------------------------|
| Date of ending the test     | 23-08-2012                  |
| Standard used               | BS 5852 (2006)              |
| Deviation from the standard | -                           |
| Conditioning                | 23°C, relative humidity 50% |

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.

|                            |  |
|----------------------------|--|
| Water soaking of the cover | No   |
| Filling                    | C56120 (Recticel) * - fire retardant foam - ± 60 kg/m <sup>3</sup> |

\* The filling complies with schedule 1 part 1 of the UK Furniture and Furnishings (Fire) (Safety) Regulations 1988

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|   | 1                      | 2                      |
|---|------------------------|------------------------|
| <b>Smouldering criteria</b>             |                        |                        |
| Unsafe escalating combustion            | no                     | no                     |
| Test assembly consumed                  | no                     | no                     |
| Smoulders to extremities                | no                     | no                     |
| Smoulders through thickness             | no                     | no                     |
| Smoke, heat or glowing more than 1 hour | no                     | no                     |
| Smoulders more than 100 mm from source  | no                     | no                     |
| <b>Flaming criteria</b>                 |                        |                        |
| Unsafe escalating combustion            | no                     | no                     |
| Test assembly consumed                  | no                     | no                     |
| Flames to extremities                   | no                     | no                     |
| Flames through thickness                | no                     | no                     |
| Flame time >10 min                      | no                     | no                     |
| Flame time                              | 4 min 17 s             | 5 min 46 s             |
|   |                        |                        |
|   | non-ignition -<br>NI/5 | non-ignition -<br>NI/5 |

**Conclusion**

**Non-ignition - NI/5**

result achieved with  
**additional FR finish**