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your delivery of 2007-05-30

your reference

our reference PVH/5846

date

Zwijnaarde, 2007-06-18

**Analysis Report 57438** 

Required tests:

EN 1021-1 (2006) Furniture - Assessment of the ignitability of upholstered furniture

Part 1 - Ignition source : smouldering cigarette

EN 1021-2 (2006) Furniture - Assessment of the ignitability of upholstered furniture

Part 2 - Ignition source: match flame equivalent

| Identification number | Information given by the client | Date of receipt |
|-----------------------|---------------------------------|-----------------|
| T704950               | imitation leather quality Cabro | 2007-05-31      |

Pros Van Hoeyland order responsible

For further information, please contact our sectorial adviser Pros Van Hoeyland

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Technologiepark 7

| C | E | N |
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our reference

date

page

PVH/5846

46 2007-06-18

2/3

Reference:

T704950 - Cabro

## EN 1021-1 (2006) Furniture - Assessment of the ignitability of upholstered furniture Part 1 - Ignition source: smouldering cigarette

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.

End of tests: 18 June 2007

#### A. Materials tested

Cover

quality

Cabro

water soaking

no

Filling

quality

T 23140 (Recticel) \*

non-fire retardant

- density

 $\pm 22 \text{ kg/m}^3$ 

## B. Smouldering cigarette test

|  | Test 1       | Test 2       |
|--|--------------|--------------|
| Smouldering criteria                     |              |              |
| - unsafe escalating combustion           | no           | no           |
| - test assembly consumed                 | no           | no           |
| - smoulders to extremities               | no           | no           |
| - smoulders through thickness            | no           | no           |
| - smoulders more than 1 hour             | no           | no           |
| - final examination / active smouldering | no           | no           |
| Flaming criteria                         |              |              |
| - occurrence of flames                   | no           | no           |
|  | non-ignition | non-ignition |

Conclusion: non-ignition

<sup>\*</sup> The filling complies with the requirements as indicated in schedule 5 part 1 of the UK Furniture and Furnishings (Fire) (Safety) Regulations 1988

Performed under accreditation in the fire lab under the responsibility of Pros Van Hoeyland.



our reference

date

page

PVH/5846

2007-06-18

3/3

Reference:

T704950 - Cabro

# EN 1021-2 (2006) Furniture - Assessment of the ignitability of upholstered furniture Part 2 - Ignition source: 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.

End of test: 18 June 2007

### A. Materials tested

Cover

- quality

Cabro

water soaking

no

**Filling** 

quality

T 23140 (Recticel) \*

non-fire retardant

density

 $\pm 22 \text{ kg/m}^3$ 

Tost 1

## B. Match flame equivalent

flame application time 15 s

|  | 1 est 1 | 1 est 2 | Test 3 |
|--|---------|---------|--------|
| Smouldering criteria                     |         |         |        |
| - unsafe escalating combustion           | no      | no      | no     |
| - test assembly consumed                 | no      | no      | no     |
| - smoulders to extremities               | no      | no      | no     |
| - smoulders through thickness            | no      | no      | no     |
| - smoulders more than 1 hour             | no      | no      | no     |
| - final examination / active smouldering | no      | no      | no     |
| Flaming criteria                         |         |         |        |
| - unsafe escalating combustion           | no      | no      | no     |
| - test assembly consumed                 | no      | no      | no     |
| - flames to extremities                  | no      | no      | no     |
| - flames through thickness               | no      | no      | no     |
| - flames longer than 120 s               | no      | no      | no     |
| afterflame time (s)                      | 1       | 0       | 0      |
|  |         |         |        |

non-ignition

non-ignition

non-ignition

Conclusion: non-ignition

<sup>\*</sup> The filling complies with the requirements as indicated in schedule 5 part 1 of the UK Furniture and Furnishings (Fire) (Safety) Regulations 1988

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