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| Client | Client's ref. no. |
| Somna AB | |
| Panelvägen 16 | Contact person |
| 443 61 Stenkullen | Julia Ronkainen |
| | Our ref. no. |
| | 5180284 |

Object

Determination of ignitability according to SS 876 00 01:2017.

Product/risk: Quilt/high risk

Test Material

| | |
|---|---|
| 1 | Somna Kedjetäcke®/ Somna Kedjetäcke® Balance 200 g/m2 wadding |
| 2 | Somna Kedjetäcke® Sensitive 400 g/m2 wadding |

The test material was received from the client 2018-04-11.

Conclusion

Procedure and results

Pre-treatment

Washing and drying was performed according to SS-EN ISO 6330:2012

Washing procedure: 9N (92 °C)

Detergent used: 3 (ECE A+sodium perborate+TAED)

Dosage:20 g/wash cycle

Number of washes: 5

Total load (test specimens): 2,5kg (material 2) 3 kg (material 1)

No loading fabric was used.

The material was dried after every wash.

Drying:

Procedure A, line drying in room temperature (with forced air circulation)

Date of washing: 2018-04-12--17

The method generates no quantifiable results, the uncertainty of measurement can therefore not be specified.

Ignitability to smouldering cigarette was determined according to SS-EN ISO 12952-1:2010

Pre-treatment by washing was made as described above

Test set up: Unfolded material

Number of cigarettes used: 6

Cigarettes used: NIST SRM 1196.

Position of cigarettes: upper side, under side, stitching, piping, zipper

All cigarettes on either side were ignited at the same time.

Date of test: 2018-04-19

Table 1

| Material | Cigarette 1-6 |
|----------|---------------|
| 1 | No ignition |
| 2 | No ignition |

As the method generates no quantifiable results, the uncertainty of measurement cannot be specified.

The above results relate only to the **ignitability** of the used 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.

Ignitability to a match flame equivalent was determined according to SS-EN ISO 12952-2:2010

Pre-treatment by washing was made as described above

Test set up: Unfolded material

Number of ignition tests: 8 (material 1)/7 (material 2)

Positions of the flame: upper side, under side, stitching, piping, zipper, label material 1(the same label can be found on material 2)

Date of test: 2018-04-19

Table 2

| Material | Flame 1-7 | Flame 8 |
|----------|-------------|-------------|
| 1 | No ignition | - |
| 2 | No ignition | No ignition |

As the method generates no quantifiable results, the uncertainty of measurement cannot be specified.

The above results relate only to the **ignitability** of the used 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.

Comment

The tested material fulfils the requirement in standard SS 876 00 01:2017.

Mölndal, 2018-04-19

Swerea IVF

Analysis and certification



Helena Hjärtnäs
Technical Reviewer



Ann Stare
Project leader