

Postal address		Visiting address	
Swerea IVF AB		Argongatan 30, SE- 431 53 MÖLNDAL	
Box 104 SE-431 22 MÖLNDAL		Org. nr. 556053-1526	
Tfn +46 (0)31 706 60 00 Fax +46 (0)31 706 63		VAT no. SE556053-152601	
Client		Client's ref. no.	
Järven Plast & Smide			
Bromsvägen 3		Contact person	
891 60 Örnsköldsvik		Irene Andersson	
		Our ref. no.	
		5130204	

Object

Determination of ignitability according to SS 876 00 01:2010.

Test Material

1	Duvet cover TCS Article number: 32966
2	Quilt TCS Article number: 32930
3	Pillow TCS Article number: 32945

The test material was received from the client 2013-02-26.

Procedure and results

Pre-treatment

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

Washing procedure: 7N (70 °C)

Detergent used: 2 (IEC A*+ sodium perborate+TAED)

Dosage:20 g/wash cycle

Number of washes: 5

Total load (loading fabric and test specimens): 2kg

Loading fabric: 100% polyester

The material was dried after every wash.

Drying:

Procedure F, tumble dry (not an accredited method)

Tumble dryer: Electrolux T2130

Temperaturemax 80 °C

End point for drying: -3%-0% residual moist of conditioned mass.

Date of test: 2013-03-06—08

Ignitability to smuldering 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 (material 2 and 3)/ folded material (material 1).

Cigaretts used: "Standard reference material 1196" (16 CFR 1632)

All cigarettes were ignited at the same time.

Date of test: 2013-03-15

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 (material 2 and 3)/ Folded material (material 1).

Date of test: 2013-03-15

tabell 1

Material	Cigarette	Flame
1	No ignition.	No ignition.
2	No ignition.	No ignition.
3	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.

All results relate only to the material tested.

Comment

The tested material fulfils the requirement for ignitability in standard SS 876 0001:2010.

Mölndal, 2013-03-15

Swerea IVF

Textiles & Plastics Department



Ann Stare
Technical Manager
Testing and Certification



Ingegerd Hartmann
Project leader