

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 Kanwar Textilegroup AB Anbudsgatan 1 931 57 Skellefteå	Client's ref. no.		
	Contact person Mansoob Kanwar	Our ref. no.	5131014-1

Object

Determination of various properties of a fabric according to SS-EN 13795:2011 for standard performance/less critical product area.

Test Material

1	A piece of blue fabric Bopl 165, colour blue, quality cotton/polyester.
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The test material was received from the client 2013-12-11 and 2014-02-26.

Summary

Table 1. Summary material Bopl 165

Property	Unit	Requirements according to SS-EN 13795:2011 Surgical gown: Standard performance Less critical product area	Result	Requirement fulfilled
B.2 Cleanliness- Microbial	CFU/100 cm ²	</=300	30	Yes
B.3 Cleanliness- Particulate matter	Log (10) IPM	</=3,5	3,2	Yes
B.4 Linting	Log (10)	</=4,0	2,7	Yes
B.5 Resistance to liquid penetration ¹⁾	cm H ₂ O	>/=10	18,5	Yes
B.6 Bursting strength Dry ¹⁾	kPa	>/=40	401,0	Yes
B.7 Tensile strength Dry ¹⁾	N	>/=20	Warp: 1 100 Weft: 420	Yes
B.8 Resistance to microbial penetration Dry ¹⁾	CFU	</=300	22	Yes

¹⁾ The result is from Swerea IVF report 5120371.

Procedure and results

Cleanliness-Particulate matter, lint and other particles generation in the dry state according to ISO 9073-10:2003 (not an accredited method).

Conditioning and testing climate: (50 ± 5) % RH, (23 ± 3) °C.

Particle counter: Hiac/Royco 5230.

Ten test pieces were tested, five on each side.

Co = background measured before each test. Co x 10 is subtracted from the total count for the ten periods to give the estimate of the particle count.

The test is performed on material washed one time according to below.

Date of test: 2014-03-06.

Test material, washed	Total linting	Standard deviation	Koefficient of variation	Log ₁₀	IPM
1, side 1	46901	19286	41	3,3	2,8
1, side 2	40379	7290	18	3,1	2,7
1, mean value	43640	14168	32	3,2	2,7

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: 1

No loading fabric was used.

Drying:

Procedure A, line drying in room temperature

Date of test: 2014-02-27

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

Resistance to microbial penetration, wet (not an accredited method)

The test was performed by sub contractor (Centexbel).

The mean values are reported in summary table.

For performance details and individual values see Analysis report 14.00051.01.

All results relate only to the material tested.

Appendix

Centexbel test report, Analysis Report 14.00051.01.

Möln dal, 2014-03-11

Swerea IVF

Textiles & Plastics Department

Helena Hjärtnäs
Manager
Testing and Certification

Karin Christiansen
Project leader