Test report

Report no.: A751710-1



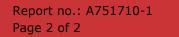
DANISH TECHNOLOGICAL INSTITUTE

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Assigner:	Contact person: Company: Address: City:	Caroline Hultberg Svensson Markspo 5112, Kinna Swed Sweden				
Material tested:	Combination of upholstered material tested: Cover : Sample of fabric, designated: Balance (as per info from the assigner). Fibre composition: 82 % wool, 12 % rami, 6 % polyamid (as per info from the assigner). Approximate mass per area unit: 570 g/m ² (as per info from the assigner).					
	Density 28,0 - 2	29,6 kg/m ³ .	ied in TB 117-2013 A echnological Institute			
Sampling:		testing was subministitute 29 March 2		and received on Danish		
Period:	The testing was completed 31 March 2017.					
Test method:	California Bureau of Home Furnishings and Thermal Insulation Technical Bulletin 117-2013. Section 1. Cover fabric test.					
Results:	flammability of	cover fabrics specil Bureau of Home Fu	(PASSES) the required in Technical Bulle rnishings and Therm	etin 117-2013,		
	Details of the te	sts are given on pa	ages 2 of this report.			
Storage:	The tested mate longer is pre-ag		for 3 months after co	mpletion of the test unless	i	
Terms:	Accreditation), cf. Technological Inst and instructions n or refer to DTI or	www.danak.dk, and itute. The results fro ay only be used or r	the general terms and one m DTI's work in this rep eported in their entirety advertising or marketing	lown by DANAK (The Danish conditions of The Danish oort, i.e. analyses, assessment y. The customer may not ment g purposes unless the DTI has	tion	
Place:	3 April 2017, Da	anish Technological	Institute, Taastrup,	Textile	7	
Signature:						
	Signa	tory	L	Counter-signatory	-	







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Results, continued:

Testing according to Technical Bulletin 117-2013, Section 1

Smouldering test (cigarette test) for cover fabric materials in combination with standard polyurethane foam, specified in TB 117-2013 Annex B. Test materials were conditioned at 21 ± 2 °C (70 ± 5 °F) and less than 55 % RH. A fresh cigarette must be placed on new a test assembly, until either three cigarettes have burned their entire length on three individual test specimens, or three cigarettes have self-extinguished on the specimen.

Three determinations were carried out.

	Test 1	Test 2	Test 3
Smouldering after 45 minutes	No	No	No
Vertical char length in inches	0,47	0,39	0,43
	(12 mm)	(10 mm)	(11 mm)
Cigarette burned entire length	Yes	Yes	Yes
Occurrence of flames	No	No	No
Comments			

Requirements:

A material is considered to pass or fail based on the following criteria according to Technical Bulletin 117-2013, Section 1, item 3.4:

1.	A single mock-up test specimen fails to meets the requirements of this test procedure if any of the following criteria occurs:
	a) The mock-up test specimen continues to smoulder after 45 minutes test duration.
	b) A vertical char length of more than 1,8 inches (45 mm) develops on the cover fabric.
	c) The mock-up test specimen transitions to open flame.
2.	The cover fabric passes the test if three initial mock-up specimens pass
	the test, i.e., the cigarettes burn full length and the mock-ups are no longer smouldering.
3.	If more than one initial specimen fails, the cover fabric fails the test.
4.	If any of the three initial specimen fails, repeat the test on additional
	three specimens.
5.	If all three additional specimens pass the test, the cover fabric passes the test. If any one of the additional three specimens fails, the cover
	fabric fails the test.

The cover material under test **meets** (**PASSES**) these requirements.

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Photo:

