

TEST REPORT

2019AN0852

DATE OF RECEPTION

20/03/2019

APPLICANT

GABRIEL A/S
HULMAGERVEJ 55
DK-9000 Ålborg

DATE TESTS

Starting: 20/03/2019

Ending: 26/04/2019

Att. BENTE ELLINGSOE

IDENTIFICATION AND DESCRIPTION OF SAMPLES

REFERENCES

FABRIC REF. LUNA

FABRIC REF. LUNA FLEUR

FABRIC REF. NOTE

TESTS CARRIED OUT

- RESISTANCE TO PILLING
- COLOUR FASTNESS TO ARTIFICIAL LIGHT

Tests marked with * are not included within the scope of the ENAC accreditation



RESULTS

RESISTANCE TO PILLING

Standard

EN ISO 12945-2:2000

Apparatus

MARTINDALE Abrasion Tester

Conditioning date

20/03/2019 – 27/03/2019

Test date 27/03/2019

Atmosphere for conditioning and testing according accordance EN ISO 139:2005/A1:2011

Temperature (20±2) °C

Relative humidity (65±4) %

N° of specimens tested 3

Number of observers 2

Testing conditions SM-25 woollen standard fabric

Testing pressure (415±2) g

Previous treatment Null

Reference	Pilling degree				
	Cycles	500	1000	2000	5000
FABRIC REF. LUNA FLEUR		4-5	4-5	4-5	4-5

TABLE 1 - VISUAL EXAMINATION	
CLASS	DESCRIPTION
5	No visual change
4	Fuzz light formation in the surface
3	Fuzz formation moderated in the surface and / or formation of little bolls. little bolls of several sizes and densities that cover partially the surface of the specimen
2	Fuzz formation accentuated in the surface and / or marked formation of little bolls. little bolls of several sizes and densities that cover a great part of the surface of the specimen
1	Formation of dense fuzz in the surface and / or severe formation of little bolls. little bolls of several sizes and densities that cover the totality of the surface of the specimen

REQUISITE ACCORDING TO STANDARD EN 14465:2003+A1:2006 FOR UPHOSLSTERY FABRICS

Test	Unit	Level of Behavior			
		A	B	C	D
PILLING	Class	≥ 4-5	4	3-4	3

LEVEL A

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RESULTS

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EN ISO 12945-2:2000

Apparatus

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LEVEL	A
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RESULTS

RESISTANCE TO PILLING*

Standard

ASTM D3512:2010

Apparatus

Atlas Random Tumble Pilling Tester

Atmosphere for conditioning and testing according accordance EN ISO 139:2005/A1:2011

Temperature (20±2) °C Relative humidity (65±4) %
 N° of specimens tested 3

Reference	Pilling degree	
	Time	30 min.
FABRIC REF. LUNA FLEUR	4	

Reference	Pilling degree	
	Time	30 min.
FABRIC REF. LUNA	4-5	

INTERPRETATION OF PILLING DEGREE	
5	NO PILLING
4	SLIGHT PILLING
3	MODERATE PILLING
2	SEVERE PILLING
1	VERY SEVERE PILLING

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