



GOVMARK

96-D Allen Boulevard
Farmingdale, New York 11735-5626 USA
Tel. +1 (631) 293-8944 Fax +1 (631) 293-8956
email: govmark.accounting@sgs.com

Received:06/14/2018	Completed:07/19/2018	Letter: L2	TM	P.O.#:	Test Report #: 3-26732-2-RV
---------------------	----------------------	------------	----	--------	-----------------------------

Client's Identification	Style: SELECT. Col. Black. Content: 85% Wool, 15% PA. Finish: None. Weight: abt 512 g/m. Product End Use: Upholstery.
--------------------------------	---

Tested For: Alvyda Kraulediene Gabriel A/S Hjulmagervej 55 DK-9000 Aalborg, Denmark	Key Test: ASTM D 4966/ACT 100K RVNC Tel: 011-45-42134509 Fax:	Ext:
---	--	-------------

CODE: 100,000 RQ /jd

TEST PERFORMED: ASTM D 4966 Martindale Abrasion Method Standard Test Method for Abrasion Resistance of Textile Fabrics (Upholstery Fabric Classification)

Abradant: Plain weave cross-bred worsted wool standard fabric, 5.8 oz/sq yd
Pressure: 1.74 psi ± 0.04 psi (12 kPa)

Foam disk is inserted if test item is less than 14.7 oz/yd².

APPROXIMATE FABRIC WEIGHT (as measured by Govmark): 10.8 oz/yd²

INTERPRETATIVE OPTIONS:

Option 1: Smooth or Textured Surface Fabrics --

Woven Fabric: The end point (wear) is reached when two or more threads have broken; loss of special effect yarn or pile exposing base fabric.

Knitted Fabric: The end point is reached when a hole appears.

Option 2: Slightly Napped, Brushed, Sueded Fabrics --
The end point (wear) is reached when there is a change in shade or appearance that is sufficient to cause a customer to complain.
The shade end point (wear) is reached when a color change is assigned a Grey Scale rating of 3 or less.

RATING SYSTEM FOR OPTION 1:

- 5 - None or negligible change in appearance
- 4 - Slight change in appearance
- 3 - Moderate change in appearance
- 2 - Objectionable change in appearance (broken yarns, floating yarns, loss of pile, core yarn exposed, a hole, etc.)
- 1 - Severe change in appearance (complete fabric break, base fabric exposed, or running and pulling of knit)

RATING SYSTEM FOR OPTION 2: (AATCC Grey scale for Color Change)

- Grade 5 - No color change
- Grade 4 - Slight color change
- Grade 3 - Noticeable color change
- Grade 2 - Considerable color change
- Grade 1 - Excessive color change

Received: 06/14/2018	Completed: 07/19/2018	Letter: L2	TM	P.O.#:	Test Report #: 3-26732-2-RV
Client's Identification	Style: SELECT. Col. Black. Content: 85% Wool, 15% PA. Finish: None. Weight: abt 512 g/m. Product End Use: Upholstery.				
Tested For: Alvyda Kraulediene Gabriel A/S Hjulmagervej 55 DK-9000 Aalborg, Denmark	Key Test: ASTM D 4966/ACT 100K RVNC Tel: 011-45-42134509 Ext: Fax:				

RESULTS: Visual evaluation (see page 1 for Rating System)

No. of Rubs	Rating
5,000	4.5
10,000	4.5
15,000	4.5
20,000	4.5
25,000	4.5
30,000	4.5
40,000	4
50,000	4
60,000	3
70,000	3
80,000	3
90,000	3
100,000	3

Moderate thinning of surface texture

NOTE: For tests exceeding 50,000 rubs, the wool abradant is changed after every 50,000 rubs.

End Point Evaluation:

Specimen #	Number of Rubs End Point
1	100,000
2	100,000
3	100,000
AVG:	100,000

REMARKS: None.

ACCEPTANCE CRITERIA: As cited by ACT Voluntary Performance Guidelines (January 2005) For Upholstery Materials --

General Contract Upholstery: No objectionable change in appearance at 20,000 rubs
 Heavy Duty Upholstery: No objectionable change in appearance at 40,000 rubs

CONCLUSION: Based on the above Results and Acceptance Criteria, the item tested is rated for:

General Contract Upholstery; Heavy Duty Upholstery; Unrated



GOVMARK

96-D Allen Boulevard
Farmingdale, New York 11735-5626 USA
Tel. +1 (631) 293-8944 Fax +1 (631) 293-8956
email: govmark.accounting@sgs.com

Received:06/14/2018	Completed:07/19/2018	Letter: L2	TM	P.O.#:	Test Report #:	3-26732-2-RV
---------------------	----------------------	------------	----	--------	----------------	--------------

Client's Identification	Style: SELECT. Col. Black. Content: 85% Wool, 15% PA. Finish: None. Weight: abt 512 g/m. Product End Use: Upholstery.
-------------------------	---

Tested For: Alvyda Kraulediene Gabriel A/S Hjulmagervej 55 DK-9000 Aalborg, Denmark	Key Test: ASTM D 4966/ACT 100K RVNC Tel: 011-45-42134509 Ext: Fax:
---	--

CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified above.

Phyllis Pettit

AUG 24 2018

RV.08.23.18 /mg

AUTHORIZED SIGNATURE
SGS GOVMARK
/jab

(Page 3 of 3)