

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

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Received: 02/19/2018 Completed: 03/20/2018 Letter: V3 RG | **P.O.**#: Test Report #: 3-24608-3-Client's Style: 2428 Harmony. Date of Mfg.: 15-02-2018. Composition: 85% Wools of New Zealand/ 15% Polyamide. Weight: Identification 480 g/lm. Product End Use: Upholstery. Additional Information: col: 3102. 610 Key Test: ASTM D 4966/ACT 100K Tested For: Bente Ellingsoe, Quality Department Gabriel A/S Hjulmagervej 55 Tel: 011-45-9630-3100 Ext: DK-9000 Aalborg, Denmark Fax: 011-45-9811-6125

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)

certe rabites (ophorscery rabite classificación)

Abradant: Plain weave cross-bred worsted wool standard fabric, 5.8 oz/sq yd

Pressure: $1.74 \text{ psi} \pm 0.04 \text{ psi}$ (12 kPa)

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

APPROXIMATE FABRIC WEIGHT (as measured by Govmark): 9.9 oz/yd²

INTERPRETATIVE OPTIONS:

[x] Option 1: Smooth or Textured Surface Fabrics --

[x] 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



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Client's Identification	Style: 2428 Harmony. Date 480 g/lm. Product End Use:				aland/ 15%	Polyamide.	Weight:
Tested For:	Bente Ellingsoe, Quality I	Department	Key T	Test: ASTM D	4966/ACT	100K	610
	Gabriel A/S						
	Hjulmagervej 55		•	Tel: 011-45-96	30-3100	Ext:	
	DK-9000 Aalborg, Denmark			ax: 011-45-98			
RESULTS:	Visual evaluation (see	page 1 for Ra	ting System)				
No. of Ru	bs Rating						
5,000	4.5						
10,000	4.5						
20,000	4						
30,000	4						
40,000	4					•	
50,000	4						
60,000	4 3 5						
70,000	3.5 3.5						
80,000							
90,000	3						
95,000	3					•	
100,000	3 Madanaha khilui	ee.	hh				
	Moderate thinn	ing of surface	texture				
	tests exceeding 50,000 Evaluation: Number End Poi	of Rubs	l abradant is chanq	ged after ev	ery 50,0	00 rubs.	
1	100,	000					
2	100,	000					
3	100,	000					
	AVG: 100,	000					
	AVG. 100,	000					
REMARKS:	None.						
ACCEPTANC Materials	CRITERIA: As cited by	ACT Voluntary	Performance Guide	lines (Janua	ry 2005)	For Upho	lstery
	al Contract Upholstery: Duty Upholstery:		able change in appe able change in appe				
CONCLUSION	: Based on the above	Results and Ac	ceptance Criteria,	the item te	sted is	rated for	:
[x] Gei	neral Contract Upholste	ry; [x] Heav	y Duty Upholstery;	[] Unrate	d		
CERTIFICATION with the	FION: I certify that procedures and equipmen		lts were obtained a	after testin	g specim	ens in ac	cordance
M		Phyllis Pe	ettit				
AUTHORIZEI GOVMARK) SIGNATURE	MAR	2 2 2018				
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