

Received:03/11/2009	Completed:03/18/2009	Letter: M1	rb	P.O.#:	Test Report #:	2-77642-1-
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Client's Identification	Art: 8705 Runner Col: 63034 Orange.
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Tested For: Bente Ellingsoe Attermann, Quality Department Gabriel A/S Hjulgagervej 55 DK-9000 Aalborg, Denmark	Key Test: ASTM D 4157-02/ACT 150K	525
	Tel: 011 45 9630 3108	Ext:
	Fax: 011 45 9811 5227	

Test: Wyz Abrasion Specifier: ACT PC: 8H CODE: 150,000 RQ /jd

TEST PERFORMED: As cited and modified by the ACT Voluntary Performance Guidelines (January 2005) --
 ASTM D 4157-02 - Standard Test Method for Abrasion Resistance of Textile Fabrics
 (Oscillatory Cylinder Method - Wyzenbeek)

TEST PARTICULARS (check one from each of items 1 - 3, as applicable):

1. Abradant: #10 cotton duck
 Specified for all materials except 100% olefin;
 not recommended for coated fabric.
 Wire (steel) screen
 Specified for 100% olefin; recommended for coated fabric
2. Material with
 elasticity: Backed with tape to prevent elongation
3. Surface Category: Regular surface
 Special surface effect
 (napped, chenille, embossed, textured, etc.)

TEST CONDITIONS: Specimen Tension: 4 lbs.
 Head Pressure (Compression Force): 3 lbs.

RATING SYSTEM FOR REGULAR SURFACE:

- 5 - None or negligible wear
- 4 - Slight wear
- 3 - Moderate wear
- 2 - Noticeable wear (broken yarns, floating yarns, etc.)
- 1 - Severe wear (complete fabric break)

RATING SYSTEM FOR SPECIAL SURFACE EFFECT:

- 5 - None or negligible wear/change of special surface effect
- 4 - Slight wear/change of special surface effect
- 3 - Moderate wear/change of special surface effect
- 2 - Noticeable wear/change of special surface effect (base yarns exposed)
- 1 - Severe wear/change of special surface effect (base yarns exposed and broken)

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

# of Double Rubs	Length Specimens	Width Specimens
3,000	5	5
9,000	5	5
15,000	5	5
22,500	5	5
30,000	5	5
40,000	5	5
50,000	5	5
60,000	5	5
70,000	5	4.5
80,000	5	4.5
90,000	4.5	4
100,000	4.5	4
110,000	4	3.5
120,000	4	3.5
130,000	4	3.5
140,000	4	3.5
150,000	3.5	3
	Slight to moderate thinning of surface texture	Moderate thinning of surface yarns

REMARKS: None.

ACCEPTANCE CRITERIA: As cited by the ACT Voluntary Performance Guidelines (January 2005) for Upholstery Fabrics --

General Contract: No yarn breaks or noticeable wear after 15,000 double rubs
 Heavy Duty: No yarn breaks or noticeable wear after 30,000 double rubs

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

General Contract Upholstery; Heavy Duty Upholstery; Unrated

CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified by ASTM D 4157-02.

Heather E. Robertson

AUTHORIZED SIGNATURE
 THE GOVMARK ORGANIZATION, INC. MA-7

MS. HEATHER ROBERTSON

MAR 20 2009

/jb/mg

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