West Yorkshire
Materials Testing Service
Nepshaw Lane South, Morley, Leeds, LS27 7JQ
Materials Testing Manager: D. J. Brockbank
t: 0113 393 9791
e: dale.brockbank@wyjs.org.uk
www.wyjs.org.uk/materialstesting

TEST REPORT

Client: Gabriel
Hjulmagervej 55
Postbox 59
DK-9100 Aalborg
Denmark

Entry No: 73587

Date received: 09/02/2016

Client's Description: Sample of fabric: Fame 61003 Beige

Test Required: Flammability

Pre-treatment: None

Conditioning: A minimum of 24 hours at 50+/-5% Relative Humidity, 23+/-2°C

Date Tests Completed: 10/02/2016

Method of Test: BS EN 1021-1: 2014 – smouldering cigarette [F]

Ignition Source	Observations	Result
Smouldering cigarette	No flaming or progressive smouldering was observed within one hour of placement of the cigarettes.	PASS

Note: A 20-22 kg/m3 non fire retardant polyurethane foam was used as the filling.

The above tests relate only to the ignitability of the combination of materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use.

During the tests the following data was recorded: -

Smouldering cigarette

Time of Ignition (sec)	No Ignition	No Ignition	N/A
Time to extinction of flame after removal of butane flame (sec)	N/A	N/A	N/A
Time of Cover Split (sec)	Split	Split	N/A
Melting (Yes or No)	Yes	Yes	N/A
Dripping (Yes or No)	No	No	N/A
Charring (Yes or No)	Yes	Yes	N/A
Self-extinguished before smouldering full length (Yes or No)	No	No	N/A

----------End of Document----------

This is hereby certified to be a correct return of the tests made of the items referred to herein

Dale Brockbank
Materials Testing Manager
10 February 2016

- Unless instructed otherwise by the client sample remnants will be disposed of after 28 days.
- Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.
- Tests marked [F] in this certificate are performed under the Laboratory's Flexible Scope of Accreditation.
- Uncertainty budgets for test methods contained within this report are available on request.

This Certificate relates only to the sample received and, unless that sample has been drawn by the staff of this laboratory, or its agent, and endorsed accordingly, any application of the result to a bulk quantity or other material is entirely the responsibility of the client.

ilac-MRA UKAS TESTING 1104

West Yorkshire
Materials Testing Service
Nepshaw Lane South, Morley, Leeds, LS27 7JQ
Materials Testing Manager: D. J. Brockbank
t: 0113 393 9791
e: dale.brockbank@wyjs.org.uk
www.wyjs.org.uk/materialstesting

TEST REPORT

Client: Gabriel
Hjulmagervej 55
Postbox 59
DK-9100 Aalborg
Denmark

Entry No: 84044

Date received: 27/04/2017

Client's Description: Sample of fabric: Fame 60005 Light Grey, BEA- West 200417, 95% Wool/5% Polyamide LT

Test Required: Flammability

Pre-treatment: None

Conditioning: A minimum of 24 hours at 50+/-5% Relative Humidity, 23+/-2°C

Date Tests Completed: 15/05/2017

Method of Test: BS EN 1021-2: 2014 – match flame equivalent

Ignition Source	Observations	Result
Match flame equivalent	No flaming or progressive smouldering was observed after removal of the butane flame.	PASS

Note: A 20-22 kg/m3 non fire retardant polyurethane foam was used as the filling.

The above tests relate only to the ignitability of the combination of materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use.

During the tests the following data was recorded: -

	Match flame equivalent		
Time of Ignition (sec)	8	7	8
Time to extinction of flame after removal of butane flame (sec)	0	0	0
Time of Cover Split (sec)	Did not split	Did not split	Did not split
Melting (Yes or No)	Yes	Yes	Yes
Dripping (Yes or No)	No	No	No
Charring (Yes or No)	Yes	Yes	Yes

----------End of Document----------

This is hereby certified to be a correct return of the tests made of the items referred to herein

Dale Brockbank
Materials Testing Manager
15 May 2017

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TEST REPORT

Client: Gabriel
Hjulmagervej 55
Postbox 59
DK-9100 Aalborg
Denmark

Entry No: 73587

Date received: 09/02/2016

Client's Description: Sample of fabric: Fame 61003 Beige

Test Required: Flammability

Pre-treatment: None

Conditioning: A minimum of 24 hours at 50+/-5% Relative Humidity, 23+/-2°C

Date Tests Completed: 10/02/2016

Method of Test: BS EN 1021-1: 2014 – smouldering cigarette [F]

Ignition Source	Observations	Result
Smouldering cigarette	No flaming or progressive smouldering was observed within one hour of placement of the cigarettes.	PASS

Note: A 20-22 kg/m3 non fire retardant polyurethane foam was used as the filling.

The above tests relate only to the ignitability of the combination of materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use.

During the tests the following data was recorded: -

Smouldering cigarette

Time of Ignition (sec)	No Ignition	No Ignition	N/A
Time to extinction of flame after removal of butane flame (sec)	N/A	N/A	N/A
Time of Cover Split (sec)	Split	Split	N/A
Melting (Yes or No)	Yes	Yes	N/A
Dripping (Yes or No)	No	No	N/A
Charring (Yes or No)	Yes	Yes	N/A
Self-extinguished before smouldering full length (Yes or No)	No	No	N/A

----------End of Document----------

This is hereby certified to be a correct return of the tests made of the items referred to herein

Dale Brockbank
Materials Testing Manager
10 February 2016

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www.wyjs.org.uk/materialstesting

TEST REPORT

Client: Gabriel
Hjulmagervej 55
Postbox 59
DK-9100 Aalborg
Denmark

Entry No: 84044

Date received: 27/04/2017

Client's Description: Sample of fabric: Fame 60005 Light Grey, BEA- West 200417, 95% Wool/5% Polyamide LT

Test Required: Flammability

Pre-treatment: None

Conditioning: A minimum of 24 hours at 50+/-5% Relative Humidity, 23+/-2°C

Date Tests Completed: 15/05/2017

Method of Test: BS EN 1021-2: 2014 – match flame equivalent

Ignition Source	Observations	Result
Match flame equivalent	No flaming or progressive smouldering was observed after removal of the butane flame.	PASS

Note: A 20-22 kg/m3 non fire retardant polyurethane foam was used as the filling.

The above tests relate only to the ignitability of the combination of materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use.

During the tests the following data was recorded: -

	Match flame equivalent		
Time of Ignition (sec)	8	7	8
Time to extinction of flame after removal of butane flame (sec)	0	0	0
Time of Cover Split (sec)	Did not split	Did not split	Did not split
Melting (Yes or No)	Yes	Yes	Yes
Dripping (Yes or No)	No	No	No
Charring (Yes or No)	Yes	Yes	Yes

----------End of Document----------

This is hereby certified to be a correct return of the tests made of the items referred to herein

Dale Brockbank
Materials Testing Manager
15 May 2017

- Unless instructed otherwise by the client sample remnants will be disposed of after 28 days.
- Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.
- Tests marked [F] in this certificate are performed under the Laboratory's Flexible Scope of Accreditation.
- Uncertainty budgets for test methods contained within this report are available on request.

This Certificate relates only to the sample received and, unless that sample has been drawn by the staff of this laboratory, or its agent, and endorsed accordingly, any application of the result to a bulk quantity or other material is entirely the responsibility of the client.

ilac-MRA UKAS TESTING 1104

West Yorkshire
Materials Testing Service
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Materials Testing Manager: Martin Bowden
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www.wyjs.org.uk/materialstesting

TEST REPORT

Client: Gabriel
Hjulmagervej 55
Postbox 59
DK-9100 Aalborg
Denmark

Entry No: 113785

Date received: 19/11/2019

Client's Description: Fabric: Fame 60999 Black. Composition: 95% Wool/ 5% Polyamide

Test Required: Flammability BS 5852: 1979 Ignition sources 0 & 1

Pre-treatment: None

Conditioning: A minimum of 96 hours at 50+/-20% Relative Humidity, 20+/-5°C

Date Tests Completed: 26/11/2019

Method of Test: BS 5852: Part 1: 1979

The following test results relate only to the ignitability of the combination of materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use.

Ignition Source	Observations	Result
0 (cigarette)	No flaming or progressive smouldering was observed within one hour of placement of the cigarettes.	Pass
1 (butane flame)	Flaming ceased within the specified two minute period after removal of the butane flame and no progressive smouldering occurred.	Pass

Note: 20-22 kg/m3 non fire retardant polyurethane foam

----------End of Page----------

This is hereby certified to be a correct return of the tests made of the items referred to herein

Daniel Young
Senior Technologist
06 January 2020

- Unless instructed otherwise by the client sample remnants will be disposed of after 28 days.
- Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.
- Uncertainty budgets for test methods contained within this report are available on request.
- The results have been obtained for the above test are due to the allowances that have been made based on the uncertainty of the measurement for this test and its associated measurements.

West Yorkshire Materials Testing Service

Client: Gabriel

Entry No: 113785

During the tests the following data was recorded: -

	Source 0		Source 1	
Time of Ignition (sec)	No Ignition	No Ignition	12	12
Time to extinction of flame after removal of butane flame (sec)	N/A	N/A	2	1
Time of Cover Split (sec)	Did Not Split	Did Not Split	19	19
Melting (Yes or No)	Yes	Yes	Yes	Yes
Dripping (Yes or No)	No	No	No	No
Charring (Yes or No)	Yes	Yes	Yes	Yes
Other phenomena				

----------End of Document----------

SGS GOVMARK

96-D Allen Boulevard
Farmingdale, New York 11735-5626 USA
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email: govmark.accounting@sgs.com

Received: 11/16/2018	Completed: 11/21/2018	Letter: F	BG	P.O.#:	Test Report #:	3-29638-0-
Client's Identification	Style: Fame. Content: 95% Wools of New Zealand / 5% Polyamide. Weight: 630 g/lm. Color: 61136 Beige. Product End Use: Upholstery.					

Tested For: **Bente Ellingsoe, Quality Department**
Gabriel A/S
Hjulmagervej 55
DK-9000 Aalborg, Denmark

Key Test: CA TB 117-2013 (Section 1-Cover Fabric) /ACT 235
Tel: 011-45-9630-3100 **Ext:**
Fax: 011-45-9811-6125

Test Category: Cigarette Ignition Specifier: ACT LE 2015; V 08/15 NTR 9/15
Product Category: Upholstery PC: 24H dl/SM

TEST PERFORMED: California Technical Bulletin 117-2013 - Requirements, Test Procedure and Apparatus for Testing the Smolder Resistance of Materials Used in Upholstered Furniture (June 2013 Version; V 1/18)

Section 1, Cover Fabric Test (Upholstery cover material is the outermost layer of fabric or related material used to enclose the main support system or upholstery materials, or both, used in the furniture item.) --

As cited by the ACT Voluntary Performance Guidelines (January 2015)

REFERENCE: ASTM E1353-08ae1

IGNITION SOURCE: SRM 1196 Cigarette

SPECIMEN TEST COMPOSITE:

Upholstery Cover Material: As described in "Client's Identification".

Standard Substrate Material: Non FR polyurethane foam, density 1.8 ± 0.05 lb/ft^3

BRIEF DESCRIPTION OF TEST: Miniature cushions are prepared using the client's cover fabric over the standard filling material. The vertical or back cushions measure 8" x 8" x 2". The horizontal or seat cushions measure 8" x 5" x 2".

A lighted cigarette is placed in the crevice formed by the vertical cushion and the horizontal cushion.

The test is terminated at 45 minutes if smoldering is no longer observed.

Test measurements and observations are recorded.

-- See Page 3 for "Results" and "Conclusion" --

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Received: 11/16/2018	Completed: 11/21/2018	Letter: F	BG	P.O.#:	Test Report #:	3-29638-0-
Client's Identification	Style: Fame. Content: 95% Wools of New Zealand / 5% Polyamide. Weight: 630 g/lm. Color: 61136 Beige. Product End Use: Upholstery.					

Tested For: **Bente Ellingsoe, Quality Department**
Gabriel A/S
Hjulmagervej 55
DK-9000 Aalborg, Denmark

Key Test: CA TB 117-2013 (Section 1-Cover Fabric) /ACT 235
Tel: 011-45-9630-3100 **Ext:**
Fax: 011-45-9811-6125

PASS/FAIL/REPEAT CRITERIA: A material is considered to pass or fail based on the following criteria:

1. A single mock-up test specimen fails to meet the requirements of this test procedure if any of the following criteria occurs:

   a) The mock-up test specimen continues to smolder after the 45 minute test duration;

   b) A vertical char length (measured as specified in step 11.9 of ASTM E1353-08ae1) of more than 1.8 inches (45 mm) develops on the cover fabric.

   c) The mock-up test specimen transitions to open flaming.

2. The cover fabric passes the test if three initial mock-up specimens pass the test, i.e., the cigarettes burn their entire length and the mock-ups are no longer smoldering.

3. If more than one initial specimen fails, the cover fabric fails the test.

4. If any one of the three initial specimens 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.

DISCUSSION: The current version of California Technical Bulletin 117-2013 has no provision to recognize cigarettes that self-extinguish prior to burning their entire length. However, ASTM E 1353 does recognize this phenomenon.

The SGS Govmark report evaluates replacement cigarettes as follows:

If a cigarette self-extinguishes (SE) before burning its entire length, a new cigarette is placed into the test. If the new (replacement) cigarette self-extinguishes or burns its entire length, the result for that specimen will then be evaluated as if the cigarette burned its entire length when assigning the "Passing/Failure" conclusion.

SGS GOVMARK

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Tel. +1 (631) 293-8944 Fax +1 (631) 293-8956
email: govmark.accounting@sgs.com

Received: 11/16/2018	Completed: 11/21/2018	Letter: F	BG	P.O.#:	Test Report #:	3-29638-0-
Client's Identification	Style: Fame. Content: 95% Wools of New Zealand / 5% Polyamide. Weight: 630 g/lm. Color: 61136 Beige. Product End Use: Upholstery.					

Tested For: **Bente Ellingsoe, Quality Department**
Gabriel A/S
Hjulmagervej 55
DK-9000 Aalborg, Denmark

Key Test: CA TB 117-2013 (Section 1-Cover Fabric) /ACT 235
Tel: 011-45-9630-3100 **Ext:**
Fax: 011-45-9811-6125

RESULTS:

	Specimen #	Char Length (inches)	SE (yes/no)	SB45 (yes/no)	TOF (yes/no)
Initial:	1	0.3	No	No	No
	2	0.3	No	No	No
	3	0.3	No	No	No
Replacement: (If needed)	1				
	2				
	3				
Repeat Tests: (If needed)	1				
	2				
	3				

EXPLANATION:

Initial: These are the first 3 cigarettes where the results could be sufficient to draw a test conclusion.

Replacement: If any of the initial cigarettes self-extinguish before burning their complete length, a new test is conducted with a fresh cigarette.

Repeat Test: Depending on the initial or replacement results, 3 repeat tests might be required to draw a conclusion.

CODES USED:

SE = Cigarette self-extinguished; See "Discussion" on Page 2
SB45 = Smolder beyond 45 minutes
TOF = Transitions to open flaming
MNR = Measurement not recorded as smoldering exceeded 45 minutes or specimen transitioned to open flames
EC = Escalating smoldering combustion: Extinguished by technician at: (mm: ss) _____ : _____ due to unsafe conditions.

CONCLUSION:

The above results reported for the initial and / or replacement cigarettes are sufficient to indicate:

[x] Passing; [ ] Failure; [ ] Repeat test on 3 additional specimens

The results after conducting the repeat tests indicate:

[ ] Passing; [ ] Failure

SGS GOVMARK

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Received: 11/16/2018	Completed: 11/21/2018	Letter: F	BG	P.O.#:	Test Report #: 3-29638-0-
Client's Identification	Style: Fame. Content: 95% Wools of New Zealand / 5% Polyamide. Weight: 630 g/lm. Color: 61136 Beige. Product End Use: Upholstery.				

Tested For: **Bente Ellingsoe, Quality Department**
Gabriel A/S
Hjulmagervej 55
DK-9000 Aalborg, Denmark

Key Test: CA TB 117-2013 (Section 1-Cover Fabric) /ACT 235
Tel: 011-45-9630-3100 **Ext:**
Fax: 011-45-9811-6125

REMARKS: None.

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

Phyllis Pettit

AUTHORIZED SIGNATURE
SGS GOVMARK
/gb /pm

JAN 0 7 2019

CARPENTER

We bring comfort to your life.™

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573 42 Tranås
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- Fax: +46140-38 60 80

Rev. 2018-04-12/JB

RICHFOAM® POLYETHER

European Standard Reference	Sweden Standard Reference	Colour	Code	Width cn	Height cm	Density kg/m³ (1) Nett(7)	CLD kPa(2) CLD 40%	ILD Newtons ILD 40%	Fire behaviour(8) FMVSS302(4)	CA TB 117(5)	CRIB V(6)	OEKO-TEX (9)	Guide for Use
RP23020	**RP23080**	White	H90	**203**	**124**	**21**	**2,0**	**80**				x	**Backrest cushion**
RP23030	**RP23120**	White Black	H90 H78	**203**	**115**	**21**	**3,0**	**120**				x	**Backrest cushion and mattresses Dark colour for package**
RP25023	**RP25090**	White	H90	**203**	**120**	**23**	**2,3**	**90**				x	**Backrest cushion and bedding toppers**
RP25035	**RP25140**	White	H90	**204**	**124**	**23**	**3,5**	**140**				x	**Backreset cushion and beds**
RP27030	**RP27120**	White	H90	**205**	**124**	**25**	**3,0**	**120**				x	**Mattresses and backrest cushion**
RP28036	**RP28145**	Yellow	H12	**204**	**120**	**26**	**3,6**	**145**				x	**Mattresses and beds**
RP28048	**RP28190**	Yellow	H12	**205**	**118**	**26**	**4,8**	**190**				x	**Beds and furniture**
RP30023	**RP30090**	White	H90	**204**	**110**	**28**	**2,3**	**90**				x	**Beds and furniture**
RP30038	**RP30150**	White	H90	**202**	**110**	**28**	**3,8**	**150**				x	**Seat cushions**
RP35025	**RP35100**	White	H90	**206**	**105**	**33**	**2,5**	**100**				x	**Seat cushions and bedding toppers**
RP35034	**RP35135**	White	H90	**211**	**105**	**33**	**3,4**	**135**				x	**Seat cushions and mattresses**
RP35039	**RP35155**	Blue	H52	**206**	**108**	**33**	**3,9**	**155**				x	**Seat cushions and beds**
RP35044	**RP35175**	Yellow	H12	**205**	**106**	**33**	**4,4**	**175**				x	**Beds and furniture**
RP35046	**RP35185**	Yellow	H12	**205**	**111**	**33**	**4,6**	**185**				x	**Beds and furniture**
RP35059	**RP35235**	White	H90	**205**	**111**	**33**	**5,9**	**235**				x	**Beds and furniture**

RICHFOAM® FR POLYETHER

RF28035	**RF28140**	Grey	H75	205	**117**	**26**	**3,5**	**140**	**FMVSS302** (4)			x	**Acoustic and automotive applications**
RF40033	**RF40130**	Blue	H52	206	**105**	**38**	**3,3**	**130**	**FMVSS302** (4)			x	**Mattresses and automotive applications**

SPECIAL PROGRAM

HS23014	**HS23055**	White	H90	**214**	**109**	**21**	**1,4**	**55**				x	**Extra soft for cushions**
HS45018	**HS45070**	White	H90	**206**	**82**	**43**	**1,8**	**70**				x	**Bedding toppers and back cushions**

CELSIUS® VISCO ELASTIC FOAM

VE50015	**VE50062**	White	H90	**204**	**90**	**48**	**1,5**	**60**				x	**Mattesses and bedding toppers**
VE52020	**VE52080**	Yellow	H13	**204**	**90**	**50**	**2,0**	**80**				x	**Mattesses and bedding toppers**
VE55025	**VE55100**	Yellow	H13	**205**	**90**	**53**	**2,5**	**100**				x	**Mattesses and bedding toppers**

RICHLUX® HIGH RESILIENCE

European Standard Reference	Sweden Standard Reference	Colour	Code	Width cm	Height cm	Density kg/m³ [1] Nett[7]	CLD kPa[2] CLD 40%	ILD Newtons ILD 40%	Fire behaviour[8]	OEKO-TEX [9]	Guide for Use
HR24016	**HR24065**	Light green	H62	**203**	**108**	**22**	**1,6**	**65**	**FMVSS302[4], CAL TB 117 [5]**	**x**	**Backrest cushions**
HR32019	**HR32075**	White	H90	**205**	**108**	**30**	**1,9**	**75**	**FMVSS302[4], CAL TB 117 [5]**	**x**	**Backrest cushions and bedding toppers**
HR32029	**HR32115**	Yellow	H12	**213**	**112**	**30**	**2,9**	**115**	**FMVSS302[4], CAL TB 117 [5]**	**x**	**Seat cushions and mattresses**
HR35025	**HR35100**	White	H90	**204**	**108**	**33**	**2,5**	**100**	**FMVSS302[4], CAL TB 117 [5]**	**x**	**Seat cushions and bedding toppers**
HR35034	**HR35135**	Yellow	H12	**211**	**102**	**33**	**3,4**	**135**	**FMVSS302[4], CAL TB 117 [5]**	**x**	**Seat cushions and mattresses**
HR38038	**HR38150**	Yellow	H12	**211**	**98**	**36**	**3,8**	**150**	**FMVSS302[4], CAL TB 117 [5]**	**x**	**Seat cushions and mattresses**
HR44049	**HR44195**	White	H90	**205**	**86**	**42**	**4,9**	**195**	**FMVSS302[4], CAL TB 117 [5]**	**x**	**Seat cushions and beds**
HR44054	**HR44215**	White	H90	**205**	**84**	**42**	**5,4**	**215**	**FMVSS302[4], CAL TB 117 [5]**	**x**	**Seat cushions and beds**
HR50028	**HR50110**	Yellow	H12	**213**	**87**	**48**	**2,8**	**110**	**FMVSS302[4], CAL TB 117 [5]**	**x**	**Seat cushions and mattresses**
HR50068	**HR50270**	Blue	H52	**203**	**70**	**48**	**6,8**	**270**	**FMVSS302[4], CAL TB 117 [5]**	**x**	**Hard seat cushions and beds**
HR53021	**HR53085**	Grey	H70	**205**	**85**	**51**	**2,1**	**85**	**FMVSS302(4), CAL TB 117 [5]**	**x**	**Seat cushions and mattresses, toppers**
HR65018	**HR65071**	White	H90	**205**	**85**	**53**	**1,8**	**70**	**FMVSS302(4), CAL TB 117 [5]**	**x**	**Seat cushions and mattresses, toppers**

RICHGUARD® COMBUSTION MODIFIED HIGH RESILIENCE

RG32031	**RG32125**	White	H90	**205**	**100**	**30**	**3.1**	**125**	**FMVSS302[4], CAL TB 117[5], Crib V[6]**	**x**	**CMHR for mattresses and seat cushions**
RG45049	**RG45195**	Green	H55	**205**	**91**	**43**	**4,9**	**195**	**FMVSS302[4], CAL TB 117[5], Crib V[6]**	**x**	**CMHR for seat cushions**
RG55070	**RG55280**	White	H90	**203**	**80**	**53**	**7,0**	**280**	**FMVSS302[4], CAL TB 117[5], Crib V[6]**		**CMHR for hard seat cushions**

MOULDED FOAMS

RP5500	**RP 55 00**	Dark Grey	H78			**55**					
HR5500	**HR 55 00**	White	H90			**55**			**FMVSS302[4], CAL TB 117[5] E4 [10]**	**x**	
MD5500	**MD 55 00**	White	H90			**53**			**FMVSS302[4], CAL TB 117[5] E4 [10]**	**x**	
RG6000	**RG 60 00**	Green	H62			**58**			**FMVSS302[4], CAL TB 117[5], Crib V[6]**	**x**	
RG7500	**RG 75 00**	Green	H62			**73**			**FMVSS302[4], CAL TB 117[5], Crib V[6]**	**x**	
VE8000	**VE 80 00**	White	H90			**78**			**FMVSS302[4], CAL TB 117[5]**	**x**	

(1) ISO 845
(2) ISO 3386/1 (INDICATIVE)
(3) EN ISO 2439/B
(4) Federal Motor Vehicle Safety Standard 302
(5) California Technical Bulletin 117-2013, Section 3
(6) Furniture and Furnishings (Fire)(Safety) Regulations SI 1324 1988, Amended 1989, 1993, 2010
(7) Nett density (Kg/m³)
(8) - Reduced burning characteristics are guaranteed when leaving the factory.
- Carpenter Sweden AB cannot be held responsible for further treatment.
(9) Oeko-Tex Standard 100 product class I, certificate number 1276-203
(10) - Type-approved and Certified by the RDW
- Horizontal Burning rate according to ECE Regulation No 118, Annex 6
- Vertical burning rate according to ECE Regulation No. 118, Annex 8

- The given figures are average values to which our tolerances apply; susceptible to alterations.

Tolerance*	Length (cm)	Width (cm)	Height (cm)
AM/AS/RF/RP/RS/RX	0+2	0+2	0+4
AU/RG/HR/LS/NA/GC/HS	0+2	0+7	0+4
VA/VC/VE/VG/VL/NV	0+3	0+7	0+5

* Not valid for moulded foams

Net Density(1)*		Hardness(3)	
Min.	-5%	Min.	-15%
Max	+5%	Max	+15%

* Not valid for moulded foams

Tolerance Moulded Foams

Net Density(1)		Hardness(3)	
Min.	-10%	Min.	x
Max	+10%	Max	x

CODE-KEY FOR LETTERS

AM	Antimicrobial Polyether
AS	Antistatic Polyether
AU	Aurora
FL	Flame Laminatable Polyether
GC	Large cell Polyether
HR	High Resilience
HS	Hypersoft
HY	Hybrid
LS	Lastilux
NA	Naturalis
NV	Naturalis Visco
RB	Richbond Combustion Modified Rebond
RF	Fire retardent Polyether
RG	Combustion Modified High Resilience
RP	Standard Polyether
RS	Sponge
RX	Combustion Modified Polyether
SE	Serene
VA	Celsius Visco elastic with antimicrobial
VC	Celsius Combustion modified Visco elastic
VE	Celsius Visco Elastic
VG	Clima Visco Elastic
VL	Celsius Combustion Modified Viscolux.

CODE – KEY FOR FOAM PROCESS

V	Vertical process
H	Horizontal process

CARPENTER Celsius®

SP CERTIFIED ISO 9001 ISO 14001 Quality and environmental management systems RI.SE

CONFIDENCE IN TEXTILES Tested for harmful substances according to Oeko-Tex® Standard 100 1276-203 DTI

RDW

E4

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