Govmark

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

Page 1

Received:05/04/2018 Completed:05/10/2018 Letter: P1	RM P.O.#:	Test Report #:	3-25917-1-
Client'sStyle: Tonal. Content: 99% Post-Consumer ReIdentification60122. End Use: Upholstery. [Color as descri	ecycled Polyester, 1% bed by SGS Govmark:	Polyester. Finish: None. Weight: 3 : Light Grey]	18 g/lm. Color #:
Tested For: Bente Ellingsoe, Quality Department Gabriel A/S	Ke	ey Test: ASTM E84/ACT	1275
Hjulmagervej 55 DK-9000 Aalborg, Denmark		Tel: 011-45-9630-3100 Fax: 011-45-9811-6125	Ext:
Test Category: Tunnel Test Specifier: ACT	LE 2015; V 4/18	PC: ME dl/SM BB/mg	
FEST PERFORMED: ASTM E84 - Standard Test Metho Materials [LE 2018; V 4/18]	od for Surface Bu:	rning Characteristics of B	uilding
As cited by the Association of Contract Tex Guidelines (January 2015)	tiles (ACT) Volu	ntary Performance	
APPROXIMATE THICKNESS OF SPECIMEN (as measured	l by Govmark): 0.(027"	
SPECIMEN WEIGHT (to include substrate when app	licable):		
Prior to Conditioning:	2.4 lbs.		
Stabilized Weight (taken twice within 24 ho	urs): 2.4 lbs.		
PRODUCT CATEGORY:			
[x] Textile Type Product			
[] Vinyl Type Product			
[] Other than Textile Type or Vinyl Type P	roduct:	_	
RIEF DESCRIPTION OF TEST: This test method is aterial under defined test conditions. The ter pparatus and is often referred to as the "turn ak burns to the 24 ft. mark in 5.5 minutes ± ide specimen rests horizontally in a ceiling oward two upward oriented burners. A furnace cement board placed on the backside of each est. The near face of the specimen is subject en minutes. The time and distance of the sprea moke developed as read by the photometric syst eveloped are reported as an Index.	st is performed in nel test". The te 15 seconds. Durin configuration ins lid that rests in specimen assembly ed to a 4.5 ft. f ad of flame along	In a 25 ft. long tunnel/du est contemplates a calibra ing the actual test, a 24 f side the test chamber faci in a water trough seals the protects the furnace lid flame insult of approximat g the length of the specim	ct-like tion where Red t. long x 23" ng downward and chamber tight during the ely 88 kW for en and the

-- See Page 3 for "Results" --



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Page 2

Client's Style: Tonal. Content: 99% Post-Consumer Recycled Polyester, 1% Polyester. Finish: None. Weight: 318 g/lm. Color #: Identification 60122. End Use: Upholstery. [Color as described by SGS Govmark: Light Grey] Tested For: Bonto Ellipsoco. Quelity: Department	Received:05/0	04/2018 Completed:05/10/2018 Letter: P1	RM P.O. #:	Test Report #:	3-25917-1-
Gabriel A/S Hijulmagervej 55 DK-9000 Aalborg Demmark SPECIMEN MOUNTING: [] Self-supporting: The test specimen was rigid enough to be self-supporting when placed into test position. No additional support was required. [] Adhered to IRC: The test specimen was bonded to 1/4" Inorganic Reinforced Cement (IRC) boards. [] Adhered to Gypsum: The test specimen was adhered to 5/8" thick Type X gypsum board. [] Adhered to Gypsum: The test specimen was adhered to 5/8" thick Type X gypsum board. [] Adhered to Gypsum: The test specimen was adhered to solf" thick Type X gypsum board. [] Other: SPECIMEN LENGTH: The 24 ft. length was comprised of: [] Continuous unbroken 24 ft. length [X] Other: [] Three 8 ft. sections butted end to end [] Three 8 ft. sections positivoly joined [X] Other: Two 12 ft. sections butted end to end [] Three 8 ft. sections butted end to end [] Other: Two 12 ft. sections butted end to end [] Yes (specify): BESERVATIONS: [] No unusual observations [] Delamination [] Selimination [] Shrinkage [] Shrinkage [] Shrinkage [] Shrinkage [] Shrinkage [] Other: Melt and drip		Style: Tonal. Content: 99% Post-Consumer Re 60122. End Use: Upholstery. [Color as descri	ecycled Polyester, 1% Pol ibed by SGS Govmark: Li	lyester. Finish: None. Weight: 3 ight Grey]	18 g/lm. Color #:
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<pre>board. [X] Unadhered: The specimen was not adhered to any substrate. Instead, it was laid over a 2" hexagonal wire mesh screen and 1/4" rods. [] Other: SPECIMEN LENGTH: The 24 ft. length was comprised of: [] Continuous unbroken 24 ft. length [X] Sections: [] Three 8 ft. sections butted end to end [] Three 8 ft. sections positively joined [X] Other: Two 12 ft. sections butted end to end [X] Other: Two 12 ft. sections butted end to end [X] Other: Two 12 ft. sections butted end to end [Y] Yes (specify): SPESERVATIONS: [] No unusual observations [] Delamination [] Sagging [] Shrinkage [] Fallout (specimen displacement from ceiling mount) [X] Other: Melt and drip EMARKS: [X] None [] Other:</pre>	[] Adhe Ceme	ered to IRC: The test specimen was b ent (IRC) boards.	bonded to 1/4" Inorg	Janic Reinforced	
<pre>over a 2" hexagonal wire mesh screen and 1/4" rods. [] Other: SPECIMEN LENGTH: The 24 ft. length was comprised of: [] Continuous unbroken 24 ft. length [x] Sections: [] Three 8 ft. sections butted end to end [] Three 8 ft. sections positively joined [x] Other: Two 12 ft. sections butted end to end ADHESIVE (applied by Govmark: [x] No [] Yes (specify): DESERVATIONS: [] No unusual observations [] Delamination [] Sagging [] Shrinkage [] Fallout (specimen displacement from ceiling mount) [x] Other: Melt and drip EMARKS: [x] None [] Other:</pre>	[] Adhe boai	ered to Gypsum: The test specimen wa	as adhered to 5/8" t	chick Type X gypsum	
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<pre>[] Delamination [] Sagging [] Shrinkage [] Fallout (specimen displacement from ceiling mount) [x] Other: Melt and drip MEMARKS: [x] None [] Other:</pre>	ADHESIVE (a):		
<pre>[] Delamination [] Sagging [] Shrinkage [] Fallout (specimen displacement from ceiling mount) [x] Other: Melt and drip REMARKS: [x] None [] Other:</pre>					
<pre>[] Fallout (specimen displacement from ceiling mount) [x] Other: Melt and drip REMARKS: [x] None [] Other:</pre>	BSERVATION	[] Delamination			
[] Other:		[] Fallout (specimen displacemen	nt from ceiling mou	nt)	
(Page 2 of 4)					
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		(rage	2 UL 4)		



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Page 3

Received:05	/04/2018 Completed:05/10/2018 Letter: P1 RM	P.O.#:	Test Report #:	3-25917-1-
Client's Identificati	Style: Tonal. Content: 99% Post-Consumer Recycled I 60122. End Use: Upholstery. [Color as described by S	Polyester, 1% Polyest SGS Govmark: Light	er Finish: None Weight: 318	
	Bente Ellingsoe, Quality Department Gabriel A/S Hjulmagervej 55	Key Test:	ASTM E84/ACT	1275
	DK-9000 Aalborg, Denmark		011-45-9630-3100 Ex 011-45-9811-6125	xt:
RESULTS:	Flame Spread Index: 0 Smoke Developed: 40			
ROUNDING:	Flame Spread Index value has been rounded Smoke Developed value has been rounded to	to the nearest :	multiple of 5.	
	Raw Data Rounded			
	Less than 200Nearest multiple of 5200 or moreNearest multiple of 50			
ACCEPTANCE	CRITERIA (as cited by ACT):			
	Flame Spread Index Smoke Developed	d		
Class A	0 -25 450 or less			
	s A is also known as Class 1 and may be so : Based on the reported Results and cited a			
	plies; [] Does not comply	Acceptance trite	ria, the item tested:	
data summa	RY: Time to Ignition (minutes:seconds) Maximum Flame Spread "Distance" (feet) Maximum Flame Spread "Time" (seconds)	: 0		
CODE CLASS is assigne	IFICATION: Based on the reported Results and a:	nd cited Code Cla	assifcation System, the	e item tested
[] Cla: [] Cla: [] Fai. unsu [] Base	es I or A rating as II or B rating as III or C rating as to achieve a minimum classification ther witable in terms of code requirement ed on product performance*, ASTM E84 is not erial.			
Severe me such that a	elt, drip, delamination or other behavior t valid flame spread is unobtainable (See "	hat destroys the Remarks" on Page	e continuity of the fla e 2 of 4.)	ame front
	See Page 4 for "Code Cla	ssification Syst	cem"	
	(Page 3 of 4)		



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Page 4

Client's Style	8 Completed:05/10/2018 Lette		Test Report #:	3-25917-
	2. End Ose. Opholstery. [Color	as described by SGS Govmark: I	blyester. Finish: None. Weight: 318	g/lm. Color #:
	Ellingsoe, Quality Departm	nent Key	Test: ASTM E84/ACT	12'
Gabriel	agervej 55			
	00 Aalborg, Denmark			xt:
	0,		Fax: 011-45-9811-6125	
CODE CLASSIFICAT	FION SYSTEM:			
	Flame Spread Index	Smoke Developed		
Class I or A:	20	450 or less		
	3: 26 - 75	450 or less		
Class III or	C: 76 - 200	450 or less		
f the interior FPA 265 room co ertain products oam (either wit) hould be tested eiling Interior roducts, even in ERTIFICATION: I	finish product is a text rner fire test applies. which give off excessiv h or without coverings a by NFPA 286 - Standard Finish to Room Fire Gro n sprinklered areas.	tile or vinyl wall coveri we heat such as but not ling as applicable), polypropy Methods of Fire Tests for owth. In Govmark's opinion we results were obtained	moke Developed ranges from moke Developed ranges from imited to cellular plastic lene, and high density pol r Evaluating Contribution h, the codes require NFPA after testing specimens i	red area, the s, cellular yethylene of Wall and 286 for such
Alt	Phyllis	Pettit		
JTHORIZED SIGNAT GS GOVMARK	MAY 2 2 20)18 Test Engineer	: Rick McDonough	
ng /m			DIM	
closure: Graphs			1-06	
		(Page 4 of 4)		

Govmark

6 Fire & Flammability Testing

Program: ASTM E84 (Version 1.40)

Test Method	: ASTM E84
Test Report #	: 3-25917-1-P1
Date	: 5/10/2018
Client	: Gabriel A/S
Operator	: Rick McDonough
Details of Preparation	: Unadhered. Specimen laid over 2" hexagonal wire mesh and 1/4" rods. 24 ft length comprised of two 12 ft sections butted end to end.
Observations	: Brief early ignition. No Flame progression. Specimen melt and drip.

Area Under Flame Curve (ft min)	: 0.16
Raw Flame Spread Index (ft min)	: 0.08
Rounded Flame Spread Index (ft min)	: 0
Ignition Time	: 00:07 mm:ss
Area Under Smoke Curve (%A min)	: 36.50
Raw Smoke-Developed Index	: 38.85
Rounded Smoke-Developed Index	: 40
Total Gas Flow(L)	: 1401.6
Total Gas Flow(ft ³)	: 49.5
Maximum Flame Front Achieved(ft)	: 0 (@2s)

Flame Progression vs. Time



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s - 3

6 Fire & Flammability Testing

Program: ASTM E84 (Version 1.40)

