Supplied by:
Vyva Fabrics
TT. Vasumweg 140
1033 SH Amsterdam
The Netherlands

EN 1021-2

Product Description: Viper & Viper Vintage, Oxford, Cuzco, Globe			
Test	**EN 1021-2**	**Test Date**	Jan 24th 2018

TEST PERFORMED : EN 1021-1:2014

Furniture – Assessment of the Ignitability of Upholstered Furniture, Part 2

IGNITION SOURCE: Match flame equivalent (15 seconds butane flame)

BRIEF DESCRIPTION OF TEST: Test cushions are made using the cover fabric listed above and a non-flame retardant flexible polyether foam (22 kG/M^3). The test cushions are placed in a test frame to form a mockup of an upholstered chair. A tube burner, fueled by butane, is placed in the crevice formed by the seat and back cushion so that the butane flame burns upwardly on the seat back for a period of 15 seconds. Test observations are made and results are recorded

COVER FABRIC WATER SOAKED PRIOR TO TESTING IN ACCORDANCE WITH ANNEX D:
[ ] Yes [X] No

PRECONDITIONING: 24 hours at 23°C ± 2°C and 50% ± 5% RH

RESULTS:

		DETAILED RESULTS *		
		Initial Test	Repeat Test #1	Repeat Test #2
Cover charred and ignited within	[mm:ss]:	00:05	00:07	00:08
Cover split/melted open after	[mm:ss]:	N/O	N/O	N/O
Filling material ignited after	[mm:ss]:	N/O	N/O	N/O
All flaming ceased after	[mm:ss]:	00:15	00:15	00:16
All smouldering (heat, smoke, or glowing) ceased after	[mm:ss]:	00:34	00:27	00:36

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Furthest extent of smouldering				
Left of ignition source	[mm]:	10	6	5
Right of ignition source	[mm]:	9	6	4
Forward of ignition source	[mm]:	7	5	5
Furthest extent of flaming				
Left of ignition source	[mm]:	10	6	5
Right of ignition source	[mm]:	9	6	4
Forward of ignition source	[mm]:	7	5	5

(* Timing of values begins with the application of the igniting flame.)

IGNITION CRITERIA	SUMMARY RESULTS Intitial Test (yes/no)	Repeat Test #1 (yes/no)	Repeat Test #2 (yes/no)
Smouldering:			
Unsafe escalating combustion (3.1a):	No	No	No
Test assembly consumed (3.1b):	No	No	No
Smoulders to extremities (3.1c): [Dimensions: Left 229 mM; Right 229 mM; Forward 229 mM]	No	No	No
Smoulders through thickness (3.1c):	No	No	No
Smoulders more than 1 hour (3.1d):	No	No	No
Smoulders, where upon final examination, evidence of active smouldering was apparent after the test specimen was dismantled and examined internally (3.1e, 9.3):	No	No	No

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Flaming:			
Unsafe escalating combustion (3.2a):	No	No	No
Test assembly consumed (3.2b):	No	No	No
Flames to extremities (3.2c): [Dimensions: Left, 229 mM, Right 229 mM, Forward 229mM]	No	No	No
Flames through thickness (3.2c):	No	No	No
Flaming more than 120 seconds after removal of burner tubes [includes flaming drip on floor] (3.2d):	No	No	No

SUMMARY RESULTS EXPLAINED: If "yes" is entered for any category, the report must conclude that ignition did occur.

ABBREVIATIONS WHICH MAY BE USED:

N/O = Not observed.
NT = Not tested
EC = Escalating combustion (unsafe); test extinguished by technician at time noted.

CONCLUSION:

Based on the above results:

[x] Ignition Criteria did not occur

[ ] Ignition Criteria did occur

PROVISO: The test conducted herein is based on a prototype composite using a standard filling material. The results displayed by this cover fabric may differ when used in an actual item of upholstered furniture, since other variables may affect the fire performance properties. Other variables may consist of: different filling materials; fire blocking materials; furniture geometry; and other furniture components.

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

CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified by BS EN 1021-2: 2014.

January 24th, 2018

Date