

Applicant : Gabriel A/S China Office

Date : Nov 20, 2023

Attn : Anne Dong

Sample Description As Declared :

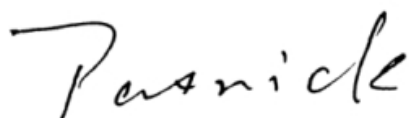
No. Of Sample : One  
Fibre Content : -  
Material : Woven Fabric  
Finishing : -  
End Uses : -  
Colour : 61168  
Style No. : Vienna  
Order No./PO No. : 07249  
Buyer's Name : Gabriel  
Agent's Name : -  
Manufacturer's Name : -

Date Received/Date Test Started : Nov 15, 2023

Tests Conducted:

As Requested By The Applicant, For Details Refer To Attached Page(S)

Authorized By :  
For Intertek Testing Services  
(Tianjin) Ltd.



Patrick Gong  
General Manager

Tests Conducted:

1 Flammability Test (EN 1021-1 : 2014 Cigarette Test) :

The apparatus and method of testing were those described in EN 1021-1 : 2014 for upholstered furniture. Test carried out in assessing the ignitability of upholstered components when subjected to a smouldering cigarette. The test required the provided cover fabric to be tested with the provided filling.

Test Result : Non-Ignition

		Cigarette	
	1	2	3#
<u>Progressive Smouldering Failure</u>			
(A) Test assembly displays escalating combustion behaviour	No	No	N/A
(B) Test assembly that smoulders until it is largely consumed within the test duration	No	No	N/A
(C) Test assembly smoulders to the extremities of the specimen, viz. upper or lower margins, either side or to its full thickness, within the duration of the test	No	No	N/A
(D) Test assembly smoulders after one hour from the beginning of the test	No	No	N/A
(E) On final examination progressive smouldering is observed	No	No	N/A
<u>Flaming Failure</u>			
(A) Evidence of flaming in the interior and/or cover during combustion	No	No	N/A

Fabric / Filling	Time To Extinction After Placement Of Ignition Source			
	Flaming Ceased Time		Smoking Ceased Time	
	Min	Sec	Min	Sec
1	0	0	17	24
2	0	0	17	33
3#	-	-	-	-

Tests Conducted :

Flammability Test(Cont'd)

Remark : No = No, was not observed

N/A = Not applicable

Atmosphere for conditioning - The materials shall be conditioned for at least 24 hr in an atmosphere having a temperature of  $23\pm 2^{\circ}\text{C}$  and a relative humidity of  $50\pm 5\%$ .

Note: The above 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.

The Sample Was Tested On Combination With Flame Retardant Conventional Polyurethane CMHR Foam Which Is Specified By The Client, Which Has A Density Of  $35.0 \text{ Kg/M}^3$ . All Of These Were Requested By The Client.

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Tests Conducted :

2 Flammability Test (EN 1021-2 : 2014 Match Test):

The apparatus and method of testing were those described in EN 1021-2 : 2014 for upholstered furniture. Test carried out in assessing the ignitability of upholstered components when subjected to a small flame as an ignition source. The test required the provided cover fabric to be tested with the provided filling.

Test Result : Non-Ignition

<u>Progressive Smouldering Failure</u>		<u>1<sup>st</sup> Test</u>	<u>2<sup>nd</sup> Test</u>	<u>3<sup>rd</sup> Test</u>
(A)	Test assembly displays escalating combustion behaviour so that it is unsafe to continue the test and active extinction is necessary	No	No	No
(B)	Test assembly that smoulders until it is largely consumed within the test duration	No	No	No
(C)	Test assembly smoulders to the extremities of the specimen, viz. upper or lower margins, either side or to its full thickness, within the duration of the test	No	No	No
(D)	Test assembly smoulders after one hour from the application of the ignition source	No	No	No
(E)	On final examination progressive smouldering is observed	No	No	No
<u>Flaming Failure</u>		<u>1<sup>st</sup> Test</u>	<u>2<sup>nd</sup> Test</u>	<u>3<sup>rd</sup> Test</u>
(A)	Test assembly displays escalating combustion behaviour so that it is unsafe to continue the test and active extinction is necessary	No	No	No
(B)	Test assembly that burns until it is essentially consumed within test duration	No	No	No
(C)	Test assembly on which any flame front reaches the lower margin, either side or passes through its full thickness within the duration of the test	No	No	No
(D)	Any flaming which continues for more than 120 s after removal of the burner tube	No	No	No

Tests Conducted :

Flammability Test(Cont'd)

Fabric / Filling	Time To Extinction After Placement Of Ignition Source			
	Flaming Ceased Time		Smoking Ceased Time	
	Min	Sec	Min	Sec
1	0	0	0	17
2	0	0	0	20
3	0	0	0	15

Remark : No = No, was not observed

Atmosphere for conditioning - The materials shall be conditioned for at least 24 hr in an atmosphere having a temperature of  $23\pm 2^{\circ}\text{C}$  and a relative humidity of  $50\pm 5\%$ .

Note: The above 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.

The Sample Was Tested On Combination With Flame Retardant Conventional Polyurethane CMHR Foam Which Is Specified By The Client, Which Has A Density Of  $35.0 \text{ Kg/M}^3$ . All Of These Were Requested By The Client.

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