

## FLAMMABILITY TEST CERTIFICATE - 79696

**COMPANY DETAILS:** GROSVENOR FABRICATIONS LTD  
UNIT H SUITE 15 & 16, 1<sup>ST</sup> FLOOR, PEEK BUSINESS CENTRE,  
WOODSIDE IND EST, DUNMOW RD, BISHOPS STORTFORD, CM23 5RG

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**DATE RECEIVED:** 07/01/2020  
**DATE TESTED:** 13/01/2019  
**DATE ISSUED:** 13/01/2019  
**PO NUMBER:** VERBAL

**SAMPLE DESCRIPTION:** PAROL/ ALEXANDER / ROBERT  
**COLOUR:** PAROL CHOCOLATE  
**QUALITY/BATCH REF:** NOT STATED  
**MODEL REF:** NOT STATED  
**COMPOSITION:** FOAM / FAUX LEATHER  
**SAMPLE END USE:** NOT STATED  
**MANUFACTURER:** NOT STATED  
**SUPPLIER/BUYER:** NOT STATED

### SPECIFICATION/REQUIRMENT:

BS 7176:2007+A1:2011 – Specification for the resistance to ignition of upholstered furniture for non-domestic seating by testing composites. (Medium Hazard)

### TEST METHOD(S):

BS EN 1021-1:2006 – Furniture – Assessment of the ignitibility of upholstered furniture. Ignition source smouldering cigarette.

BS EN 1021-2:2006 – Furniture – Assessment of the ignitibility of upholstered furniture. Ignition source Match equivalent.

BS 5852:2006 – Methods of test for the assessment of the ignitibility of upholstered seating by smouldering and flaming ignition sources.

### PRE-TREATMENT:

Water Soak procedure in accordance with Annex D of BS EN 1021-1:2006 & Annex E of BS 5852:2006

### CONDITIONING:

The sample was conditioned for 72 hrs in ambient conditions then for at least 24 hrs in a specified atmosphere at  $23 \pm 2^{\circ}\text{C}$  and  $50 \pm 5\%$  r h.

Authorised By:



Zeb Alam  
Operations Director

Mark Jones  
Quality Manager

Karen Brooks  
Managing Director

Please note: this test results issued on this certificate refer only to the item tested and therefore doesn't relate to the lot or batch of the product / sample. This test certificate shall not be duplicated. Textile Innovation House, 1 Lyons Road, Trafford Park, Manchester, M17 1RN. T: 0161 50 50 650 E: [technical@ifs-labs.com](mailto:technical@ifs-labs.com)

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### TEST RESULTS:

“The Following test results relate only to the ignitibility of the combination of the 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.”

<b>TEST CRITERIA – 1021-1 (CIGARETTE TEST)</b>	<b>INITIAL TEST</b>	<b>REPEAT TEST</b>
FILLING MATERIAL USED:	CUSTOMER FOAM	CUSTOMER FOAM
Smouldering ceased	FAILED TO SMOULDER	FAILED TO SMOULDER
<b>PROGRESSIVE SMOULDERING CRITERIA (3.1)</b>		
Unsafe escalating combustion (3.1a)	NO	NO
Smoulders to extremities (3.1b)	NO	NO
Smoulders through thickness (3.1c)	NO	NO
Smoulders for more than 1 hr (3.1d)	NO	NO
Presence of active smouldering on final examination? (3.1e)	NO	NO
Evidence of melting, charring, dripping?	Melting: <input checked="" type="checkbox"/>	Charring: <input checked="" type="checkbox"/> Dripping: <input type="checkbox"/>
<b>FLAMING CRITERIA (3.2)</b>		
Cover Split?	NO	NO
Occurrence of flames?	NO	NO
<b>TEST RESULT</b>	<b>PASS</b>	<b>PASS</b>

<b>TEST CRITERIA – 1021-2 (MATCH TEST)</b>	<b>1<sup>st</sup> Test</b>	<b>2<sup>nd</sup> Test</b>	<b>3<sup>rd</sup> Test</b>
FILLING MATERIAL USED:	CUSTOMER FOAM	CUSTOMER FOAM	CUSTOMER FOAM
Flaming ceased: (Min(s) Sec(s))	0.00	0.01	0.00
<b>PROGRESSIVE SMOULDERING CRITERIA (3.1)</b>			
Unsafe escalating combustion (3.1a)	NO	NO	NO
Smoulders to extremities (3.1b)	NO	NO	NO
Smoulders through thickness (3.1c)	NO	NO	NO
Smoulders for more than 1 hr (3.1d)	NO	NO	NO
Evidence of melting, charring, dripping?	Melting: <input checked="" type="checkbox"/>	Charring: <input checked="" type="checkbox"/> Dripping: <input type="checkbox"/>	
<b>FLAMING CRITERIA (3.2)</b>			
Unsafe escalating combustion (3.2a)	NO	NO	NO
Test assembly consumed (3.2b)	NO	NO	NO
Flaming to extremities and thickness (3.2c) (3.2d)	NO	NO	NO
Flaming continued for more than 120 seconds	NO	NO	NO
Cover split?	NO	NO	NO
<b>TEST RESULT</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>

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TEST RESULTS continued:

TEST CRITERIA – BS 5852:2006 Source 5	INITIAL TEST	REPEAT TEST
Flaming Ceased:	03.13	03.27
<b>PROGRESSIVE SMOULDERING CRITERIA (4.1)</b>		
<b>FILLING MATERIAL USED:</b>	CUSTOMER FOAM	CUSTOMER FOAM
b) Detectable amounts of smoke, heat or glowing 60 mins after crib ignition?	NO	NO
c) Displays unsafe escalating combustion, requires to be forcibly extinguished?	NO	NO
d) Smouldering consumed the test specimen within the duration of the test?	NO	NO
e) Smoulder to the extremities i.e. upper or lower margins, either side or to its full thickness?	NO	NO
f) On final inspection, any evidence of charring more than 100 mm in any direction (apart from upwards) from the original nearest position?	NO	NO
<b>FLAMING CRITERIA (4.2)</b>		
b) Flaming continued for more than 10 minutes after the ignition of the crib?	NO	NO
c) Displays unsafe escalating combustion, requires to be forcibly extinguished?	NO	NO
d) Flaming and/or smouldering consumed the test specimen within the duration of the test?	NO	NO
e) Flame front reaches the lower margin, either side or passes through the full thickness?	NO	NO
<b>TEST RESULTS</b>	<b>PASS</b>	<b>PASS</b>

### CONCLUSION:

The sample supplied **meets** the test criteria of BS 7176:2007 + A1:2011 (Medium Hazard)

END OF REPORT