

TECHNICAL REPORT



Expertise • Independence • Integrity

FIRA International Limited
Maxwell Road, Stevenage
Hertfordshire SG1 2EW
T +44 (0)1438 777 700
F +44 (0)1438 777 800
E info@fira.co.uk

A member of the BM TRADA Group of companies
Registered Office: Chiltern House, Stocking Lane
Hughenden Valley, High Wycombe
Buckinghamshire HP14 4ND UK
Registered No. 3181481 England

CMS – Tecnologia de Plasticos S.A.

Rua Da Escola No 35-a

Pocarica – Apartado 52

Maceira – Leiria

2405-028

Portugal

Our Ref: **TFFLF36940**

Date: 04 February 2011

Delivery Date: 27 January 2011

Test Dates: 31 January – 04 February 2011

For the attention of Mr Sergio Morouco

SAMPLE(S) FOR TEST :

One, Blue plastic stadium seat Ref: DYNAMIC

Note: The above descriptions are as supplied by the client and have not been verified by FIRA who can take no responsibility for the accuracy of the description.

TEST REQUIREMENTS :

BS 5852: 2006, Clause 12 Ignition Source 0
BS 5852: 2006, Clause 12 Ignition Source 1
BS 5852: 2006, Clause 12 Ignition Source 5

RESULT :

Pass
Pass
Pass

FIRA is a UKAS TESTING Laboratory No. 0174

Tests marked "Not UKAS Accredited" in this Report are not included in the UKAS Accreditation Schedule for our laboratory.

Opinions and interpretations expressed herein are outside the scope of UKAS Accreditation.

This Report relates to the sample(s) submitted for test and no others. Additions, deletions or alterations are not permitted.

Test reports are given to the client in confidence, and may only be reproduced in whole or in part with written permission from FIRA. Note that the words "**tested by FIRA**" may be used in subsequent publicity for the product; "approved" must **not** be used.

Tests are carried out on the understanding that neither the Association nor its officers can accept any legal responsibility for information or advice given or opinions expressed whether in response to specific enquiries or otherwise.

This Report is given subject to the Terms of Business of FIRA International which are available from the Secretary at the address shown.



0174

TFFLF36940
Page 1 of 2

TECHNICAL REPORT

DESCRIPTION

Enquiry No. TFFLF36940

Item: One, Blue plastic stadium seat Ref: DYNAMIC

The following test results relate only to the ignitability of the complete item (BS 5852: 2006 Clause 12) under the particular conditions of test stated; they are not intended as a means of assessing the full potential fire hazard of the materials or products in use.

TEST RESULTS

IGNITABILITY TEST ACCORDING TO BS 5852: 2006 – METHODS OF THE TEST FOR ASSESSMENT OF THE IGNITABILITY OF UPHOLSTERED SEATING BY SMOULDERING AND FLAMING IGNITION SOURCES. CLAUSE 12

Initial Inspection: Condition as new

Conditioning: ≥ 4 days at $20\pm 5^{\circ}\text{C}$ & $50\pm 20\%$ rh

Test conditions: 23°C & 33% rh

Ignition Source	Ignition/ Non-Ignition	Duration of			
		Ignition Source	Flames	Smoke/ Smoulder	
0	1	PASS (N/I)	18min 42sec	N/A	20min 53sec
	2	PASS (N/I)	18min 50sec	N/A	20min 59sec
1	3	PASS (N/I)	20sec	20sec	21sec
	4	PASS (N/I)	20sec	20sec	21sec
	5	PASS (N/I)	20sec	20sec	21sec
	6	PASS (N/I)	20sec	20sec	21sec
5	7	PASS (N/I)	3min 05sec	5min 18sec	7min 21sec
	8	PASS (N/I)	3min 10sec	8min 11sec	9min 21sec
	9	PASS (N/I)	3min 25sec	3min 25sec	7min 12sec
	10	PASS (N/I)	3min 19sec	3min 19sec	7min 33sec

CONCLUSION

This chair sample passes the requirements of BS 5852: 2006 Clause 12, Ignition source 0.

This chair sample passes the requirements of BS 5852: 2006 Clause 12, Ignition source 1.

This chair sample passes the requirements of BS 5852: 2006 Clause 12, Ignition source 5.

Tested by: Barry Worrell

Reported & Approved by: Stephen Cotton
Technical Specialist - Flammability

