

TEST CERTIFICATE

DATE SUBMITTED: 11-OCTOBER-2010
DATE ISSUED: 15-OCTOBER-2010
REPORT NO: 17031
COMPANY ROLL NUMBER: 06

CUSTOMER CONTACT NAME:

TEL: 0121 783 5777
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COMPANY:

MARLUX MEDICAL LTD
ACE BUSINESS PARK
MACKADOWN LANE
KITTS GREEN
BIRMINGHAM
B33 OLD

CUSTOMER SAMPLE DESCRIPTION

FIBRE COMPOSITION: 100% Polypropylene
SAMPLE COLOUR REFERENCE: Summer Blue
SAMPLE PO NUMBER: POR1862
SAMPLE QUALITY: 120gsm FR Retardant
SAMPLE ROLL NUMBER: 06
SAMPLE DESCRIPTION: Marlux Disposable Curtain
SAMPLE SUPPLIER:

FIRE TEST REQUESTED:

(Confidential Report)

BS 5867: 2008 Part 2 Type C Flammability requirements (disposable products) (fabrics for curtains, drapes and window blinds) in accordance with BS EN ISO 15025:2002 Procedure A (surface ignition). Protective clothing – Protection against heat and flame – Method of test for limited flame spread.

LAUNDERING PROCEDURE:

Half of the sample tested was subjected to the water soaking procedure set out in BS EN 1021-1: 2006, Annex D.

CONDITIONING PRIOR TO TESTING:

The sample specimens were conditioned immediately prior to testing for @ least 24 h at 65 +/- 5% r h and 20 +/- 2 °C

Authorised signatures:

Signed: 

Zeb Alam
Technical Manager

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PROCEDURE:

Both before & after wash samples were tested directly after the appropriate conditioning requirements (as stated on page one), eight samples were tested in the length direction & eight in the width direction using flame application times of 5, 15, 20, 30 seconds in accordance with Test 2

REQUIREMENTS:

Type C: No part of any hole nor any part of the lowest boundary of any flame shall reach the top edge or either vertical edge of the specimen and there shall be no separation of any flaming debris from any specimen, or if the mean afterflame or afterglow times shall exceed 2.5 seconds, the fabric shall be deemed not to comply with the requirements for type "C" of the British Standard.

DATE OF TEST: 12-October-2010

RESULTS:

The test results may not apply in situations where there is restricted air supply or prolonged exposure to large sources of intense heat as in a conflagration.

Test Results: Before Water Soak Samples

Specimen Reference		Orientation of test specimen							
Flame Application time (s)	Specimen designation	Length	Damage	Width	Damage	Length	Damage	Width	Damage
		1	mm	2	mm	3	mm	4	mm
5	Duration of flaming (s)	0	H: 28	0	H: 25	0	H: 21	0	H: 24
	Duration of afterglow (s)	0	V: 33	0	V: 35	0	V: 40	0	V: 35
15	Duration of flaming (s)	0	H: 22	0	H: 25	0	H: 15	0	H: 20
	Duration of afterglow (s)	0	V: 38	0	V: 50	0	V: 45	0	V: 30
20	Duration of flaming (s)	0	H: 24	0	H: 22	0	H: 25	0	H: 24
	Duration of afterglow (s)	0	V: 40	0	V: 46	0	V: 45	0	V: 43
30	Duration of flaming (s)	0	H: 21	0	H: 20	0	H: 15	0	H: 20
	Duration of afterglow (s)	0	V: 40	0	V: 43	0	V: 47	0	V: 53
Flaming debris Yes / No		No		No		No		No	
Hole to edge Yes / No		No		No		No		No	

H = Horizontal, V= Vertical

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 COMPANY ROLL NUMBER: 06

DATE OF TEST: 13-October-2010

RESULTS:

The test results may not apply in situations where there is restricted air supply or prolonged exposure to large sources of intense heat as in a conflagration.

Test Results: After Water Soak Samples

Specimen Reference		Orientation of test specimen							
Flame Application time (s)	Specimen designation	Length	Damage	Width	Damage	Length	Damage	Width	Damage
		1	mm	2	mm	3	mm	4	mm
5	Duration of flaming (s)	0	H: 22	0	H: 17	0	H: 23	0	H: 20
	Duration of afterglow (s)	0	V: 42	0	V: 36	0	V: 36	0	V: 35
15	Duration of flaming (s)	0	H: 15	0	H: 16	0	H: 15	0	H: 20
	Duration of afterglow (s)	0	V: 40	0	V: 35	0	V: 45	0	V: 36
20	Duration of flaming (s)	0	H: 20	0	H: 25	0	H: 14	0	H: 35
	Duration of afterglow (s)	0	V: 40	0	V: 45	0	V: 40	0	V: 40
30	Duration of flaming (s)	0	H: 15	0	H: 20	0	H: 19	0	H: 20
	Duration of afterglow (s)	0	V: 44	0	V: 40	0	V: 40	0	V: 40
Flaming debris Yes / No		No		No		No		No	
Hole to edge Yes / No		No		No		No		No	
H = Horizontal, V= Vertical									

COMMENTS & OBSERVATIONS:

Both before & after water soak samples (disposable products) **complies with the flammability** requirements of BS 5867: 2008 Part 2 Type C (fabrics for curtains, drapes and window blinds) in accordance with BS EN ISO 15025:2002 Procedure A (surface ignition). Protective clothing – Protection against heat and flame – Method of test for limited flame spread.

Test Results:

Before Wash: **PASS**

After Wash: **PASS**