Australian Wool Testing Authority Ltd - trading as AWTA Product Testing A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031 P.O Box 240, North Melbourne, Victoria 3051 Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

Client: Woven Image Pty Ltd

37-39 Chard Road Brookvale NSW 2100 **Test Number** : 19-005899

Issue Date : 21/11/2019

Print Date : 22/11/2019

Sample Description Clients Ref : "Focus Quilted"

Composite fabric assembly - fabric, foam, fabric

A- Composite assembly

End Use: Upholstery, wrapped Panels Operable Walls

AS/NZS 3837-1998 Method of Test for Heat and Smoke Release Rates for Materials and Products using an Oxygen

Consumption Calorimeter

Date Tested 19/11/2019

Operator AWTA Test Operator 7

Face Tested Face

Specimen

 1
 2
 3
 Mean

 Average Heat Release Rate
 41.4
 43.2
 37.0
 40.5
 kW/m²

 Average Specific extinction area
 68.9
 81.0
 82.5
 77.5
 m²/kg

(according to Specification C1.10 of the Building Code of Australia)

Specimen

Test orientation: Horizontal

		000			
	1	2	3	Mean	
Irradiance	50	50	50	50	kW/m²
Exhaust flow rate	0.024	0.024	0.024	0.024	m³/s
Time to sustained flaming	8	7	9	8	sec
Test duration	495	471	459	475	sec
Peak heat release after ignition	204.2	200.1	197.9	200.7	kW/m²
Average heat at 60 s	117.0	123.7	116.4	119.0	kW/m²
Average heat at 180 s	73.0	74.9	68.1	72.0	kW/m²
Average heat at 300 s	59.1	59.0	48.8	55.7	kW/m²
Total heat released	20.1	20.1	16.6	18.9	MJ/m²
Average effective heat of combustion	9.9	9.9	8.2	9.3	MJ/kg

115371 39685 Page 1 of 38

Australian Wool Testing Authority Ltd
 Copyright - All Rights Reserved



Accredited for compliance with ISO/IEC 17025 - Testing

- Chemical Testing

Performance & Approvals Testing

: Accreditation No. 983 : Accreditation No. 985 : Accreditation No. 1356

Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.



MICHAEL A. JACKSON B.Sc.(Hons

AWTA Product Testing

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031 P.O Box 240, North Melbourne, Victoria 3051 Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

Woven Image Pty Ltd Client:

37-39 Chard Road

Brookvale NSW 2100

Test Number :

19-005899

Issue Date

21/11/2019

Print Date

22/11/2019

Initial thickness	13	13	13	13.0	mm
Initial mass	91.5	91.7	86.7	90.0	g
Mass at sustained flaming	91.5	91.6	86.7	89.9	g
Mass remaining	75.0	75.3	70.1	73.5	g
Mass percentage pyrolysed	18.0	17.9	19.2	18.4	%
Mass loss	2.0	2.0	2.1	2.0	kg/m²
Average rate of mass loss	4.2	4.4	4.6	4.4	g/m².s
Additional Observations	None				

Difficulties Encountered during Testing

None

These test results relate only to the behaviour of the product under the conditions of the test, they are not intended to be the sole criterion for assessment of performance under real fire conditions.

The results of these fire tests may be used to directly assess fire hazard, but it should be recognised that a single test method will not provide a full assessment of the fire hazard under all fire conditions.

Tests were conducted with a wire grid placed over the sample during testing. This was done to contain intumescing sample within the sample holder.

Samples were loose laid onto a substrate of 6mm thick cement sheeting prior to testing.

115371

39685

Page 2 of 38

Australian Wool Testing Authority Ltd Copyright - All Rights Reserved



Accredited for compliance with ISO/IEC 17025 - Testing

- Chemical Testing

- Mechanical Testing - Performance & Approvals Testing Accreditation No.

983 985

: Accreditation No

Accreditation No

Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA

APPROVED SIGNATORY



ANAGING DIRECTOR

Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031 P.O Box 240, North Melbourne, Victoria 3051 Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

Client: Woven Image Pty Ltd

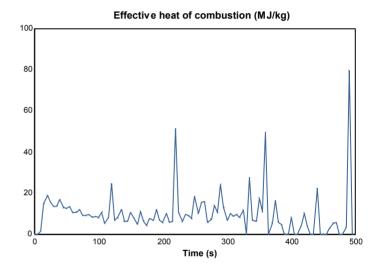
37-39 Chard Road Brookvale NSW 2100 **Test Number** : 19-005899

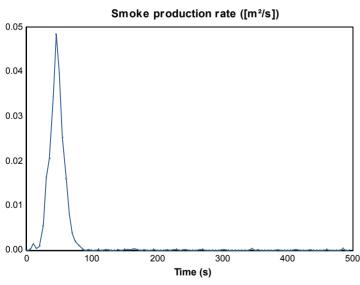
Issue Date : 21/11/2019

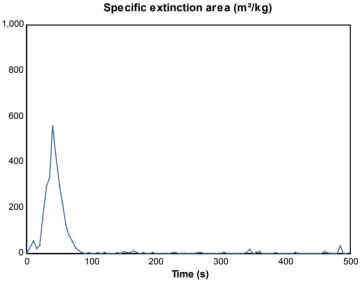
Print Date : 22/11/2019

Specimen:

Heat release rate (kW/m²) 200 150 100 50 Time (s)







115371

39685

Page 3 of 38

Australian Wool Testing Authority Ltd Copyright - All Rights Reserved



Accredited for compliance with ISO/IEC 17025 - Testing

- Chemical Testing

- Mechanical Testing

Performance & Approvals Testing

: Accreditation No. 983 : Accreditation No. 985 : Accreditation No. 1356

Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.



MICHAEL A. JACKSON B.Sc.(Hons

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031 P.O Box 240, North Melbourne, Victoria 3051 Phone (03) 9371 2400 Fax (03) 9371 2499

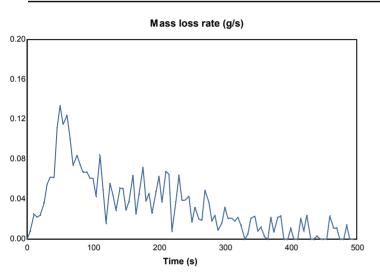
TEST REPORT

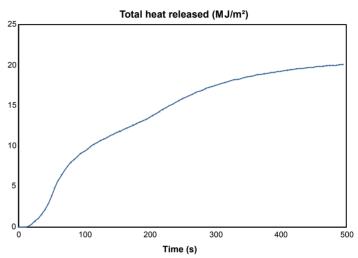
Client: Woven Image Pty Ltd

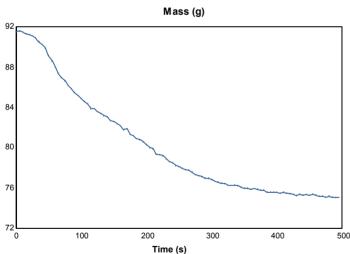
37-39 Chard Road Brookvale NSW 2100 **Test Number** : 19-005899

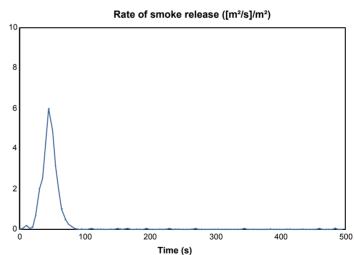
Issue Date : 21/11/2019

Print Date : 22/11/2019









115371 39685

Australian Wool Testing Authority Ltd Copyright - All Rights Reserved Accredited for compliance with ISO/IEC 17025 - Testing

- Chemical Testing

Performance & Approvals Testing

: Accreditation No. 983 : Accreditation No. 985 : Accreditation No. 1356

Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.



Page 4 of 38

MICHAEL A. JACKSON B.Sc.(Hons

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031 P.O Box 240, North Melbourne, Victoria 3051 Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

Woven Image Pty Ltd Client:

> 37-39 Chard Road Brookvale NSW 2100

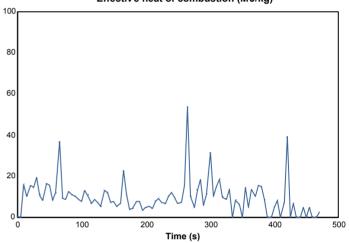
19-005899 Test Number :

Issue Date 21/11/2019 22/11/2019 **Print Date**

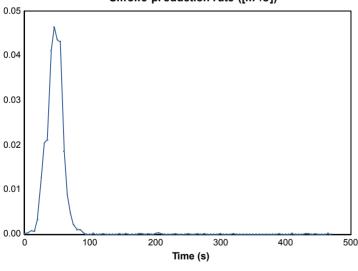
2 Specimen:

Heat release rate (kW/m²) 250 200 150 100 50 100 200 300 400 500 Time (s)

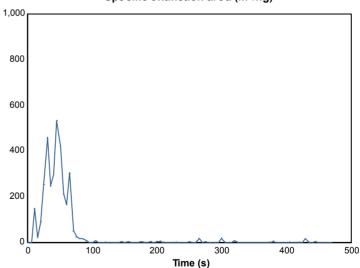
Effective heat of combustion (MJ/kg)



Smoke production rate ([m²/s])



Specific extinction area (m²/kg)



115371

39685

Page 5 of 38

Australian Wool Testing Authority Ltd Copyright - All Rights Reserved



Accredited for compliance with ISO/IEC 17025 - Testing

- Chemical Testing

Mechanical Testing

Performance & Approvals Testing

Accreditation No 983 Accreditation No. 985 Accreditation No



Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.

ANAGING DIRECTOR

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing A.B.N 43 006 014 106

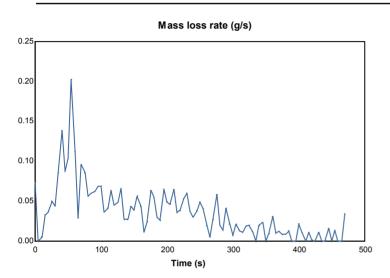
1st Floor, 191 Racecourse Road, Flemington, Victoria 3031 P.O Box 240, North Melbourne, Victoria 3051 Phone (03) 9371 2400 Fax (03) 9371 2499

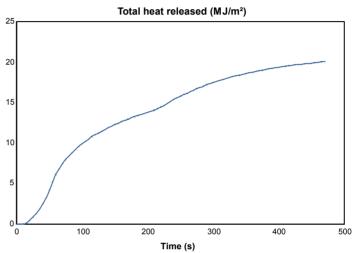
TEST REPORT

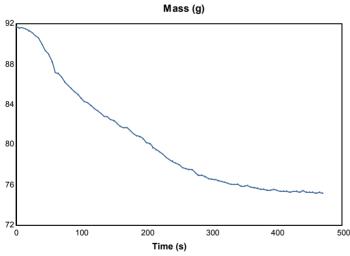
Client: Woven Image Pty Ltd

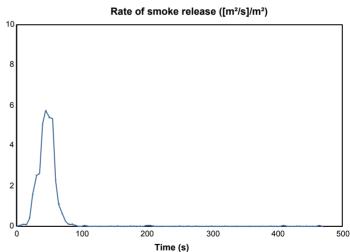
37-39 Chard Road Brookvale NSW 2100 **Test Number** : 19-005899

Issue Date : 21/11/2019
Print Date : 22/11/2019









115371

39685

Page 6 of 38

Australian Wool Testing Authority Ltd Copyright - All Rights Reserved NATA

Accredited for compliance with ISO/IEC 17025 - Testing

- Chemical Testing

- Mechanical Testing

Performance & Approvals Testing

: Accreditation No. 983 : Accreditation No. 985 : Accreditation No. 1356

Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.



MICHAEL A. JACKSON B.Sc.(Hone

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031 P.O Box 240, North Melbourne, Victoria 3051 Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

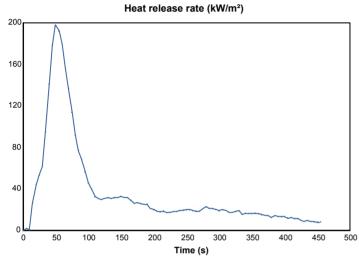
Woven Image Pty Ltd Client:

37-39 Chard Road Brookvale NSW 2100

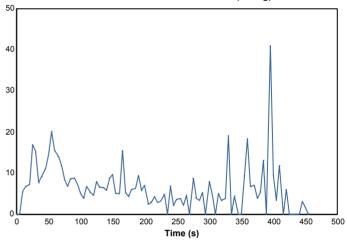
19-005899 Test Number :

21/11/2019 **Issue Date** 22/11/2019 **Print Date**

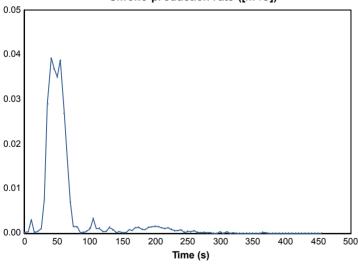
3 Specimen:



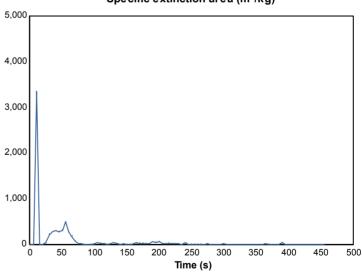
Effective heat of combustion (MJ/kg)



Smoke production rate ([m²/s])



Specific extinction area (m²/kg)



115371

39685

Page 7 of 38

Australian Wool Testing Authority Ltd Copyright - All Rights Reserved



Accredited for compliance with ISO/IEC 17025 - Testing

- Chemical Testing

Mechanical Testing

Performance & Approvals Testing

Accreditation No 983 Accreditation No. 985 Accreditation No



Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.

APPROVED SIGNATORY

ANAGING DIRECTOR

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031 P.O Box 240, North Melbourne, Victoria 3051 Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

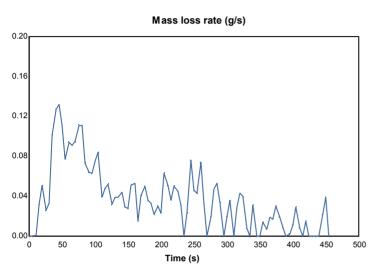
Woven Image Pty Ltd Client:

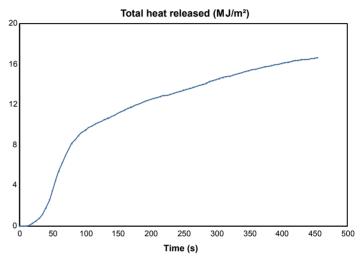
37-39 Chard Road Brookvale NSW 2100

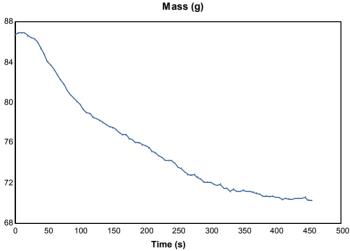
19-005899 Test Number :

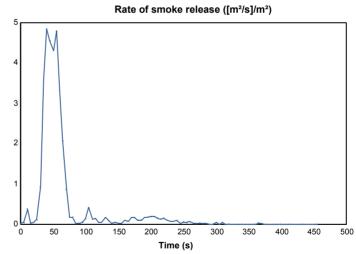
Issue Date 21/11/2019

22/11/2019 **Print Date**









115371 39685 Page 8 of 38

Australian Wool Testing Authority Ltd Copyright - All Rights Reserved

Accredited for compliance with ISO/IEC 17025 - Testing

- Chemical Testing

 Mechanical Testing Performance & Approvals Testing Accreditation No Accreditation No.

985 Accreditation No

983

Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.



ANAGING DIRECTOR

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031 P.O Box 240, North Melbourne, Victoria 3051 Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

Client: Woven Image Pty Ltd

37-39 Chard Road Brookvale NSW 2100 **Test Number** : 19-005899

Issue Date : 21/11/2019

Print Date : 22/11/2019

Sample Description Clients Ref : "Focus Quilted"

Composite fabric assembly - fabric, foam, fabric

B- Fabric

End Use: Upholstery, wrapped Panels Operable Walls

AS/NZS 3837-1998 Method of Test for Heat and Smoke Release Rates for Materials and Products using an Oxygen

Consumption Calorimeter

Date Tested 21/12/2016

Operator AWTA Test Operator 2

Face Tested Face

Specimen

 1
 2
 3
 Mean

 Average Heat Release Rate
 39.3
 39.0
 37.1
 38.5
 kW/m²

 Average Specific extinction area
 84.4
 71.7
 81.1
 79.1
 m²/kg

(according to Specification C1.10 of the Building Code of Australia)

Specimen

Test orientation: Horizontal

		Оросинон			
	1	2	3	Mean	
Irradiance	50	50	50	50	kW/m²
Exhaust flow rate	24	24	24	24.000	L/sec
Time to sustained flaming	66	55	68	63	sec
Test duration	311	320	340	324	sec
Peak heat release after ignition	129.6	98.8	123.8	117.4	kW/m²
Average heat at 60 s	85.0	71.8	90.6	82.5	kW/m²
Average heat at 180 s	47.9	50.2	48.7	48.9	kW/m²
Average heat at 300 s	39.6	39.3	37.4	38.8	kW/m²
Total heat released	9.6	10.3	10.1	10.0	MJ/m²
Average effective heat of combustion	6.4	6.6	6.4	6.4	MJ/kg

115373 39686 Page 9 of 38

Australian Wool Testing Authority Ltd Copyright - All Rights Reserved



the Managing Director of AWTA Ltd.

Accredited for compliance with ISO/IEC 17025 - Testing

- Chemical Testing

- Mechanical Testing

Performance & Approvals Testing

: Accreditation No. 983 : Accreditation No. 985 : Accreditation No. 1356

Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by

n approved by



ANAGING DIRECTOR

AWTA Product Testing

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031 P.O Box 240, North Melbourne, Victoria 3051 Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

Woven Image Pty Ltd Client:

Difficulties Encountered during Testing

37-39 Chard Road

Brookvale NSW 2100

Test Number :

19-005899

Issue Date Print Date

21/11/2019

22/11/2019

mm

g

g % kg/m²

g/m².s

Initial thickness	7.0	7.0	7.0	7.0
Initial mass	86.6	88.1	89.3	88.0
Mass remaining	72.6	74.7	75.2	74.2
Mass percentage pyrolysed	16.2	15.2	15.8	15.7
Mass loss	-	-	-	-
Average rate of mass loss	6.2	5.9	5.8	6.0
Additional Observations	None			

None

These test results relate only to the behaviour of the product under the conditions of the test, they are not intended to be the sole criterion for assessment of performance under real fire conditions.

The results of these fire tests may be used to directly assess fire hazard, but it should be recognised that a single test method will not provide a full assessment of the fire hazard under all fire conditions.

Samples were loose laid onto a substrate of 6mm thick cement sheeting prior to testing.

Tests were conducted with a wire grid placed over the sample during testing. This was done to contain intumescing sample within the sample holder.

115373

Australian Wool Testing Authority Ltd Copyright - All Rights Reserved

39686

Accredited for compliance with ISO/IEC 17025 - Testing

- Chemical Testing

- Mechanical Testing

- Performance & Approvals Testing

Accreditation No 983 Accreditation No. 985 : Accreditation No

Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA

Page 10 of 38

Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.

APPROVED SIGNATORY

ANAGING DIRECTOR

0204/11/06

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031 P.O Box 240, North Melbourne, Victoria 3051 Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

Woven Image Pty Ltd Client:

37-39 Chard Road Brookvale NSW 2100

19-005899 Test Number :

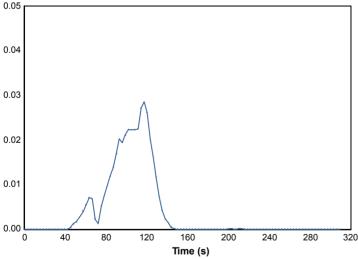
Issue Date 21/11/2019 22/11/2019 **Print Date**

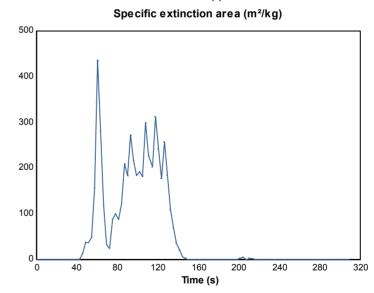
Specimen:

Heat release rate (kW/m²) 200 160 120 80 40 40 120 160 200 240 280 320 Time (s)

Effective heat of combustion (MJ/kg) 25 20 15 10 240 320 Time (s)

Smoke production rate ([m²/s])





115373 39686 Page 11 of 38

Australian Wool Testing Authority Ltd Copyright - All Rights Reserved



Accredited for compliance with ISO/IEC 17025 - Testing

- Chemical Testing

Mechanical Testing

Performance & Approvals Testing

Accreditation No 983 Accreditation No. 985 Accreditation No

Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.



ANAGING DIRECTOR

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031 P.O Box 240, North Melbourne, Victoria 3051 Phone (03) 9371 2400 Fax (03) 9371 2499

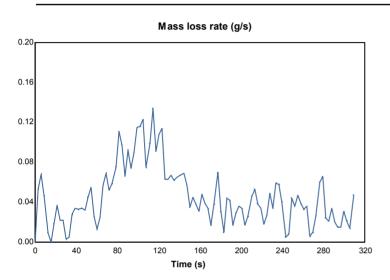
TEST REPORT

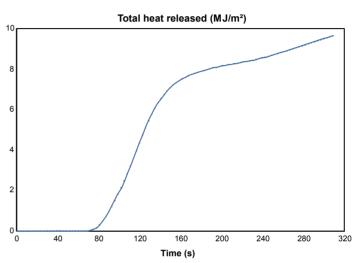
Client: Woven Image Pty Ltd

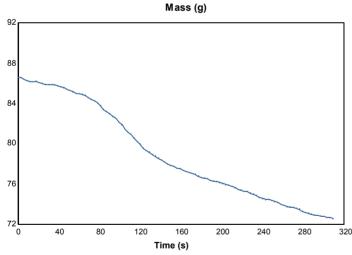
37-39 Chard Road Brookvale NSW 2100 **Test Number** : 19-005899

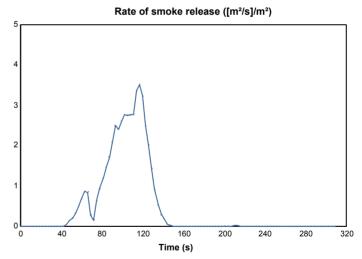
Issue Date : 21/11/2019

Print Date : 22/11/2019









115373 39686 Page 12 of 38

Australian Wool Testing Authority Ltd Copyright - All Rights Reserved



Accredited for compliance with ISO/IEC 17025 - Testing

- Chemical Testing

- Mechanical Testing

Performance & Approvals Testing

: Accreditation No. 983 : Accreditation No. 985 : Accreditation No. 1356

Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.



MICHAEL A. JACKSON B.Sc.(Hons

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031 P.O Box 240, North Melbourne, Victoria 3051 Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

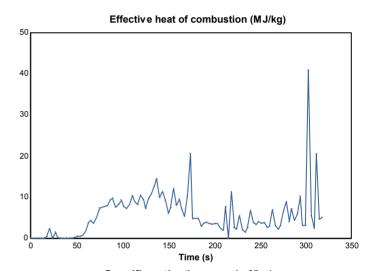
Client: Woven Image Pty Ltd

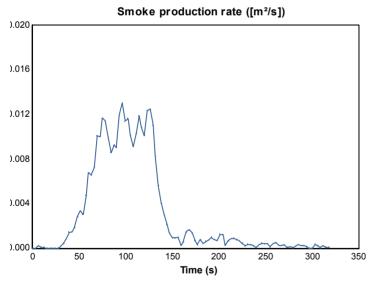
37-39 Chard Road Brookvale NSW 2100 **Test Number** : 19-005899

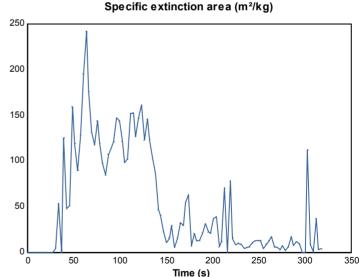
Issue Date : 21/11/2019
Print Date : 22/11/2019

Specimen: 2

Heat release rate (kW/m²) 80 60 40 20 0 50 100 150 200 250 300 350 Time (s)







115373 39686 Page 13 of 38

Australian Wool Testing Authority Ltd Copyright - All Rights Reserved



Accredited for compliance with ISO/IEC 17025 - Testing

- Chemical Testing

- Mechanical Testing - Performance & Approvals Testing : Accreditation No. 983 : Accreditation No. 985 : Accreditation No. 1356

Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.



MICHAEL A. JACKSON B.Sc.(Hons

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031 P.O Box 240, North Melbourne, Victoria 3051 Phone (03) 9371 2400 Fax (03) 9371 2499

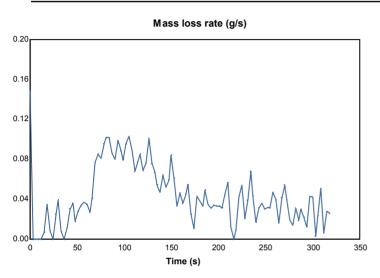
TEST REPORT

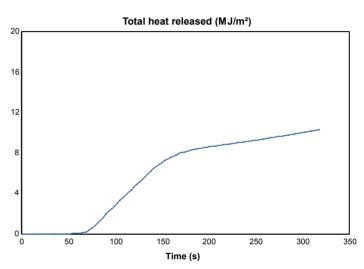
Client: Woven Image Pty Ltd

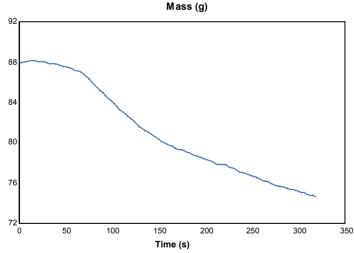
37-39 Chard Road Brookvale NSW 2100 **Test Number** : 19-005899

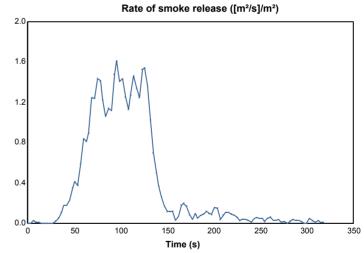
Issue Date : 21/11/2019

Print Date : 22/11/2019









115373

39686

Page 14 of 38

Australian Wool Testing Authority Ltd Copyright - All Rights Reserved



Accredited for compliance with ISO/IEC 17025 - Testing

- Chemical Testing

- Mechanical Testing

Performance & Approvals Testing

: Accreditation No. 983 : Accreditation No. 985 : Accreditation No. 1356

Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.



MICHAEL A. JACKSON B.Sc.(Hone

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031 P.O Box 240, North Melbourne, Victoria 3051 Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

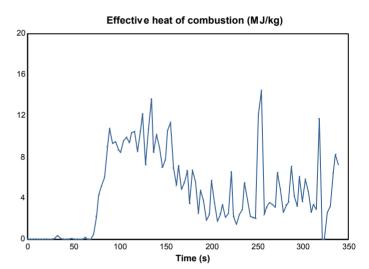
Client: Woven Image Pty Ltd

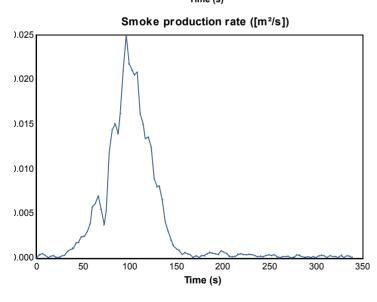
37-39 Chard Road Brookvale NSW 2100 **Test Number** : 19-005899

Issue Date : 21/11/2019
Print Date : 22/11/2019

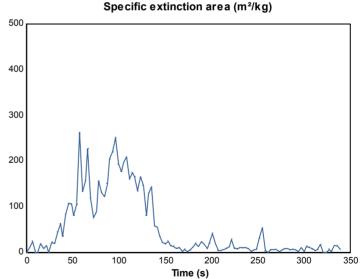
Specimen: 3

Heat release rate (kW/m²) 160 120 80 40 0 50 100 150 200 250 300 350 Time (s)





39686



Australian Wool Testing Authority Ltd Copyright - All Rights Reserved

115373

Accredited for

Accredited for compliance with ISO/IEC 17025 - Testing

- Chemical Testing

Performance & Approvals Testing

: Accreditation No. 983 : Accreditation No. 985 : Accreditation No. 1356

Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.



MICHAEL A. JACKSON B.Sc.(Hol

Page 15 of 38

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031 P.O Box 240, North Melbourne, Victoria 3051 Phone (03) 9371 2400 Fax (03) 9371 2499

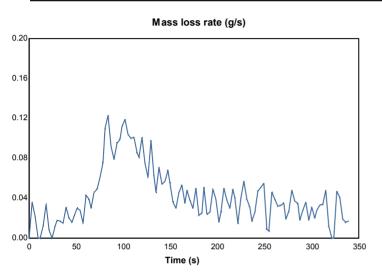
TEST REPORT

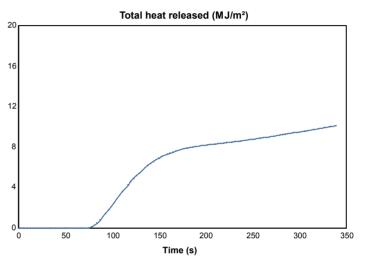
Client: Woven Image Pty Ltd

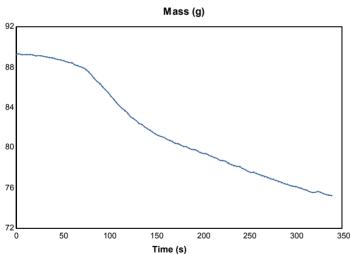
37-39 Chard Road Brookvale NSW 2100 **Test Number** : 19-005899

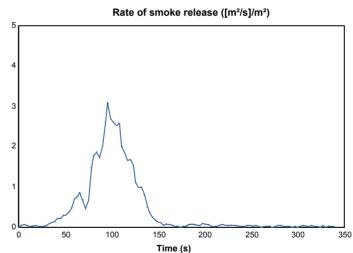
Issue Date : 21/11/2019

Print Date : 22/11/2019









115373

39686

Page 16 of 38

Australian Wool Testing Authority Ltd Copyright - All Rights Reserved



Accredited for compliance with ISO/IEC 17025 - Testing

- Chemical Testing

- Mechanical Testing

Performance & Approvals Testing

: Accreditation No. 983 : Accreditation No. 985 : Accreditation No. 1356

Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.

/

ICHAEL A. JACKSON B.Sc.(Hons)

AWTA Product Testing

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031 P.O Box 240, North Melbourne, Victoria 3051 Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

Woven Image Pty Ltd Client:

> 37-39 Chard Road Brookvale NSW 2100

19-005899 Test Number :

21/11/2019 **Issue Date** 22/11/2019 **Print Date**

"Focus Quilted" Clients Ref: **Sample Description**

Composite fabric assembly - fabric, foam, fabric

C- Foam

Upholstery, wrapped Panels Operable Walls End Use:

AS/NZS 3837-1998 Method of Test for Heat and Smoke Release Rates for Materials and Products using an Oxygen

Consumption Calorimeter

Date Tested 21/11/2019

AWTA Test Operator 7 Operator

Face Tested Face

	Specifieri							
	1	2	3	4	5	6	Mear	1
Average Heat Release Rate	1.4	7.1	13.2	5.8	4.9	10.0	7.1	kW/m²
Average Specific extinction area	79.3	58.3	82.5	48.1	57.5	22.8	58.1	m²/kg
	(accordir	ng to Specific	cation C1.10	of the Buildi	ng Code of	Australia)		

Chaoiman

Test orientation	:	Horizontal
rest orientation	:	HOHZ

	(5.555.5	g to opcom		· • · · · · • = • · · · •	9 0000 0	10.01.0		
Test orientation : Horizontal			Spec	cimen				
	1	2	3	4	5	6	Mean	1
Irradiance	50	50	50	50	50	50	50	kW/m²
Exhaust flow rate	0.024	0.024	0.024	0.024	0.024	0.024	0.024	m³/s
Time to sustained flaming	3	3	3	4	3	3	3	sec
Test duration	600	600	600	600	600	600	600	sec
Peak heat release after ignition	25.4	25.7	28.2	27.0	25.4	25.7	26.2	kW/m²
Average heat at 60 s	4.5	3.3	5.9	7.4	2.5	5.6	4.8	kW/m²
Average heat at 180 s	0.7	1.2	7.8	5.5	1.6	5.3	3.7	kW/m²
Average heat at 300 s	1.3	4.5	12.2	6.3	4.3	7.9	6.1	kW/m²
Total heat released	1.4	4.4	7.9	3.5	3.0	6.0	4.4	MJ/m²
Ave. effective heat of combustion	0.6	2.1	5.4	1.8	1.6	3.5	2.5	MJ/kg

115375 39687 Page 17 of 38

Australian Wool Testing Authority Ltd Copyright - All Rights Reserved



Accredited for compliance with ISO/IEC 17025 - Testing

- Chemical Testing - Mechanical Testing

- Performance & Approvals Testing

Accreditation No 983 Accreditation No. 985 : Accreditation No.

Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.



ANAGING DIRECTOR

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing
A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031 P.O Box 240, North Melbourne, Victoria 3051 Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

Client: Woven Image Pty Ltd

37-39 Chard Road

Brookvale NSW 2100

Test Number :

19-005899

Issue Date

21/11/2019

Print Date

22/11/2019

Initial thickness	11	11	11	11	11	11	11.0	mm
Initial mass	88.7	97.6	87.6	95.5	92.6	87.2	91.5	g
Mass at sustained flaming	88.7	97.6	87.6	95.5	92.6	87.2	91.5	g
Mass remaining	76.4	81.4	75.9	80.2	78.1	73.4	77.6	g
Mass percentage pyrolysed	13.9	16.6	13.4	16.0	15.6	15.9	15.2	%
Mass loss	1.5	2.0	1.4	1.9	1.8	1.7	1.7	kg/m²
Average rate of mass loss	2.5	3.4	2.5	3.2	3.0	2.9	2.9	g/m².s

Additional Observations

None

Difficulties Encountered during Testing

None

These test results relate only to the behaviour of the product under the conditions of the test, they are not intended to be the sole criterion for assessment of performance under real fire conditions.

The results of these fire tests may be used to directly assess fire hazard, but it should be recognised that a single test method will not provide a full assessment of the fire hazard under all fire conditions.

Samples were loose laid onto a substrate of 6mm thick cement sheeting prior to testing.

Tests were conducted with a wire grid placed over the sample during testing . This was done to contain intumescing sample within the sample holder.

Foam tested.

Observation:

Unsustained ignition observed, ignitor left inplace for the full test.

115375 39687 Page 18 of 38

Australian Wool Testing Authority Ltd Copyright - All Rights Reserved



Accredited for compliance with ISO/IEC 17025 - Testing

- Chemical Testing

- Mechanical Testing

- Performance & Approvals Testing

: Accreditation No. 983 : Accreditation No. 985 : Accreditation No. 1356

Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.



MICHAEL A. JACKSON B.Sc.(Hone

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031 P.O Box 240, North Melbourne, Victoria 3051 Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

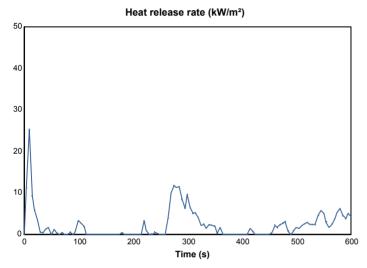
Woven Image Pty Ltd Client:

37-39 Chard Road Brookvale NSW 2100

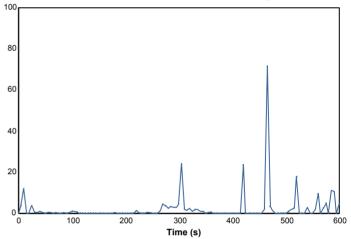
19-005899 Test Number :

21/11/2019 **Issue Date Print Date** 22/11/2019

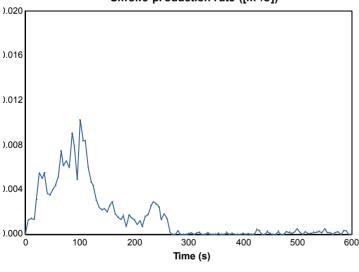
Specimen:



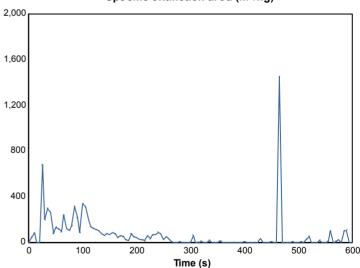
Effective heat of combustion (MJ/kg)



Smoke production rate ([m²/s])



Specific extinction area (m²/kg)



115375

39687

Page 19 of 38

Australian Wool Testing Authority Ltd Copyright - All Rights Reserved



Accredited for compliance with ISO/IEC 17025 - Testing

- Chemical Testing Mechanical Testing

Performance & Approvals Testing

Accreditation No 983 Accreditation No.

985 Accreditation No

Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.



ANAGING DIRECTOR

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031 P.O Box 240, North Melbourne, Victoria 3051 Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

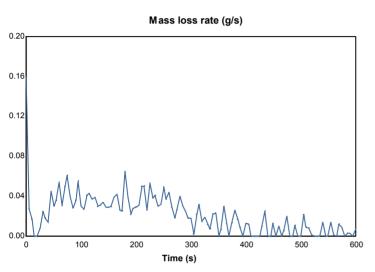
Woven Image Pty Ltd Client:

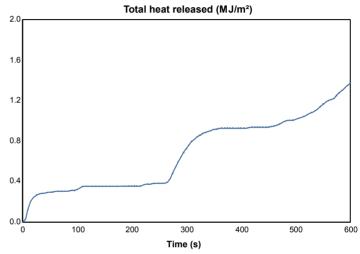
37-39 Chard Road Brookvale NSW 2100

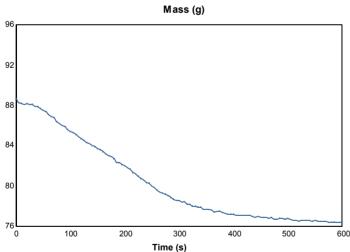
19-005899 Test Number :

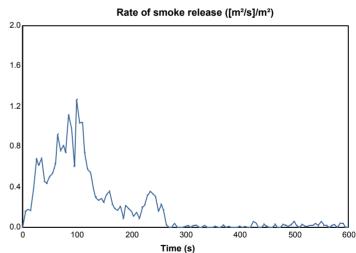
Issue Date 21/11/2019

22/11/2019 **Print Date**









115375 39687 Page 20 of 38

Australian Wool Testing Authority Ltd Copyright - All Rights Reserved

Accredited for compliance with ISO/IEC 17025 - Testing

- Chemical Testing

Mechanical Testing

Performance & Approvals Testing

Accreditation No 983 Accreditation No. 985 Accreditation No

Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.



ANAGING DIRECTOR

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031 P.O Box 240, North Melbourne, Victoria 3051 Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

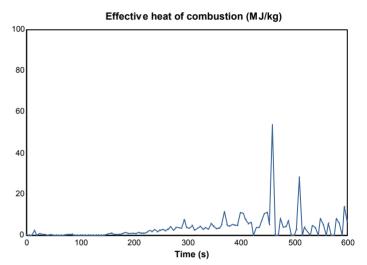
Client: Woven Image Pty Ltd

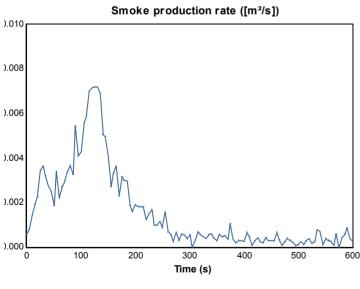
37-39 Chard Road Brookvale NSW 2100 **Test Number** : 19-005899

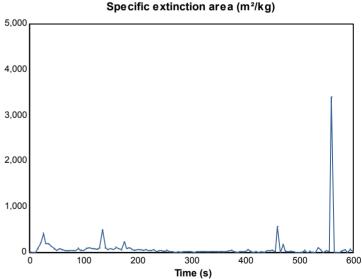
Issue Date : 21/11/2019
Print Date : 22/11/2019

Specimen: 2

Heat release rate (kW/m²) 40 30 20 10 200 300 400 500 600 Time (s)







115375 39687 Page 21 of 38

Australian Wool Testing Authority Ltd Copyright - All Rights Reserved



Accredited for compliance with ISO/IEC 17025 - Testing

- Chemical Testing

- Performance & Approvals Testing

: Accreditation No. 983 : Accreditation No. 985 : Accreditation No. 1356

Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.



MICHAEL A. JACKSON B.Sc.(Hons

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031 P.O Box 240, North Melbourne, Victoria 3051 Phone (03) 9371 2400 Fax (03) 9371 2499

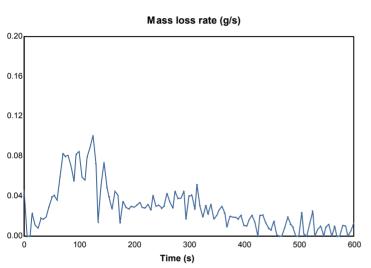
TEST REPORT

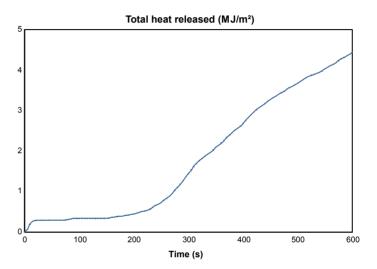
Client: Woven Image Pty Ltd

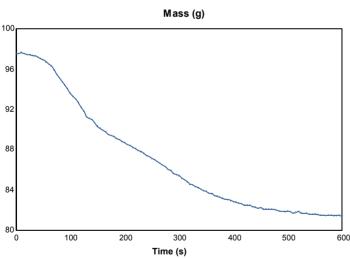
37-39 Chard Road Brookvale NSW 2100 **Test Number** : 19-005899

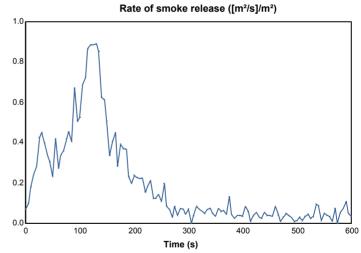
Issue Date : 21/11/2019

Print Date : 22/11/2019









115375

39687

Page 22 of 38

Australian Wool Testing Authority Ltd Copyright - All Rights Reserved



Accredited for compliance with ISO/IEC 17025 - Testing

- Chemical Testing

- Mechanical Testing

Performance & Approvals Testing

: Accreditation No. 983 : Accreditation No. 985 : Accreditation No. 1356

therwise stated. AWTA
The above test results

AWTA IMITED

Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.

APPROVED SIGNATORY

MICHAEL A. JACKSON B.Sc.(Hor

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031 P.O Box 240, North Melbourne, Victoria 3051 Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

Woven Image Pty Ltd Client:

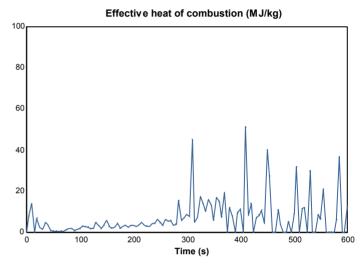
37-39 Chard Road Brookvale NSW 2100

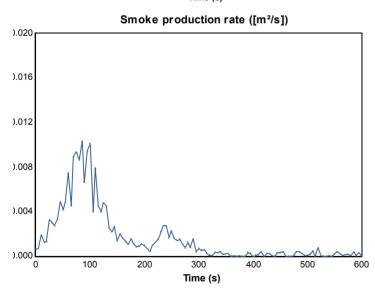
19-005899 Test Number :

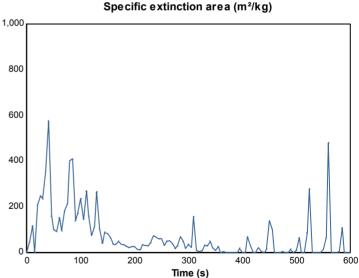
Issue Date 21/11/2019 22/11/2019 **Print Date**

3 Specimen:

Heat release rate (kW/m²) 30 20 10 100 200 300 400 500 600 Time (s)







115375 39687 Page 23 of 38

Australian Wool Testing Authority Ltd Copyright - All Rights Reserved



Accredited for compliance with ISO/IEC 17025 - Testing

- Chemical Testing

Mechanical Testing

Performance & Approvals Testing

Accreditation No 983 Accreditation No. 985 Accreditation No

Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.



ANAGING DIRECTOR

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031 P.O Box 240, North Melbourne, Victoria 3051 Phone (03) 9371 2400 Fax (03) 9371 2499

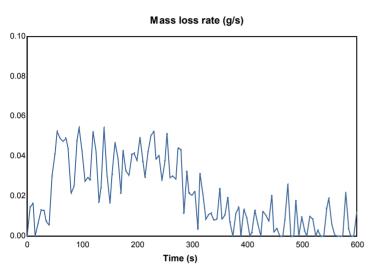
TEST REPORT

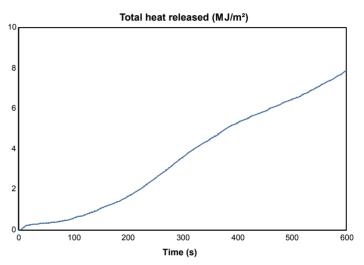
Client: Woven Image Pty Ltd

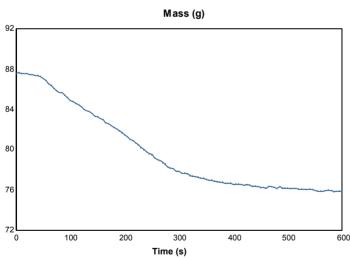
37-39 Chard Road Brookvale NSW 2100 **Test Number** : 19-005899

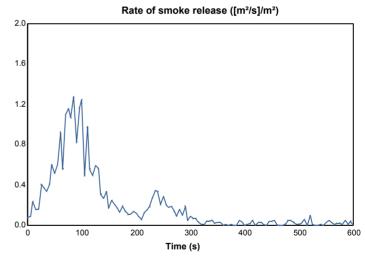
Issue Date : 21/11/2019

Print Date : 22/11/2019









115375 39687 Page 24 of 38

Australian Wool Testing Authority Ltd Copyright - All Rights Reserved

NATA

Accredited for compliance with ISO/IEC 17025 - Testing

- Chemical Testing

Performance & Approvals Testing

: Accreditation No. 983 : Accreditation No. 985 : Accreditation No. 1356

Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.



MICHAEL A. JACKSON B.Sc.(Hor

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031 P.O Box 240, North Melbourne, Victoria 3051 Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

Client: Woven Image Pty Ltd

37-39 Chard Road Brookvale NSW 2100 **Test Number** : 19-005899

21/11/2019

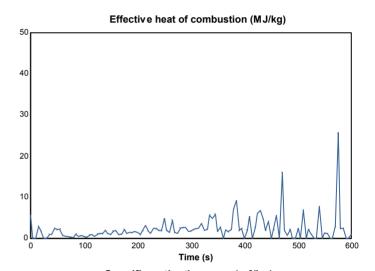
Print Date : 22/11/2019

Issue Date

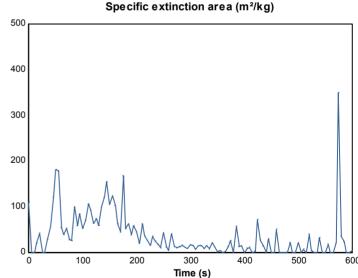
Specimen: 4

Heat release rate (kW/m²) 30 20 10 0 100 200 300 400 500 600 Time (s)

Smoke production rate ([m²/s])







115375

200

39687

300

Time (s)

Page 25 of 38

Australian Wool Testing Authority Ltd
 Copyright - All Rights Reserved

100



Accredited for compliance with ISO/IEC 17025 - Testing

600

- Chemical Testing

400

- Mechanical Testing

- Performance & Approvals Testing

500

: Accreditation No. 983 : Accreditation No. 985 : Accreditation No. 1356

s otherwise stated. AWTA es. The above test results



Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.

APPROVED SIGNATORY

MICHAEL A. JACKSON B.Sc.(Hons

).002

).000

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031 P.O Box 240, North Melbourne, Victoria 3051 Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

Woven Image Pty Ltd Client:

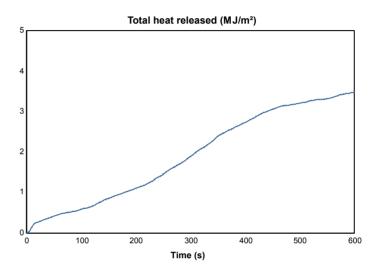
37-39 Chard Road Brookvale NSW 2100

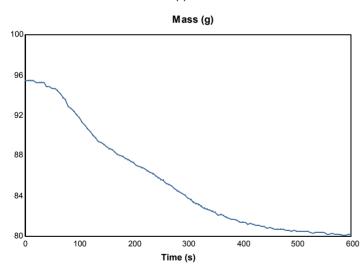
19-005899 Test Number :

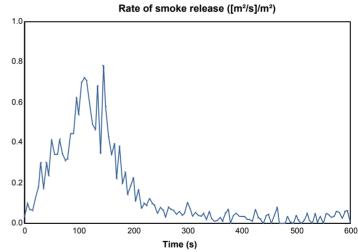
Issue Date 21/11/2019

22/11/2019 **Print Date**

Mass loss rate (g/s) 0.10 0.08 0.06 0.04 0.02 0.00 100 200 300 0 Time (s)







115375 39687 Page 26 of 38

Australian Wool Testing Authority Ltd Copyright - All Rights Reserved

Accredited for compliance with ISO/IEC 17025 - Testing

- Chemical Testing

- Mechanical Testing Performance & Approvals Testing Accreditation No Accreditation No. Accreditation No

985

983

Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.



ANAGING DIRECTOR

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031 P.O Box 240, North Melbourne, Victoria 3051 Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

Woven Image Pty Ltd Client:

37-39 Chard Road Brookvale NSW 2100

19-005899 Test Number :

21/11/2019

22/11/2019 **Print Date**

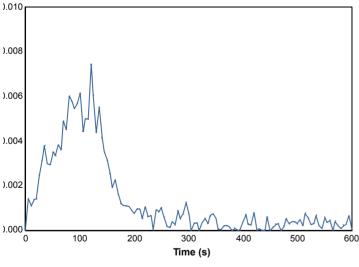
Issue Date

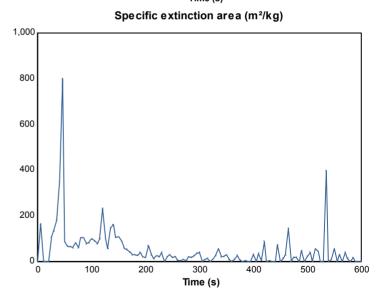
5 Specimen:

Heat release rate (kW/m²) 50 40 30 20 10 100 200 300 400 500 600 Time (s)

Effective heat of combustion (MJ/kg) 20 16 12 Time (s)

Smoke production rate ([m²/s])





115375 39687 Page 27 of 38

Australian Wool Testing Authority Ltd Copyright - All Rights Reserved



Accredited for compliance with ISO/IEC 17025 - Testing

- Chemical Testing

Mechanical Testing

Performance & Approvals Testing

Accreditation No 983 Accreditation No. 985 Accreditation No

Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.



ANAGING DIRECTOR

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031 P.O Box 240, North Melbourne, Victoria 3051 Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

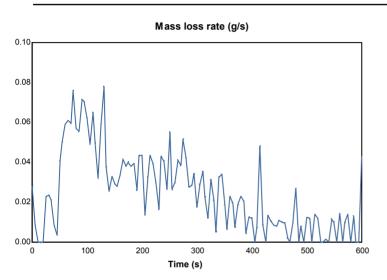
Woven Image Pty Ltd Client:

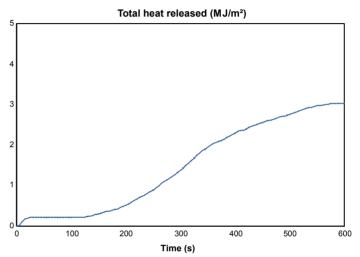
> 37-39 Chard Road Brookvale NSW 2100

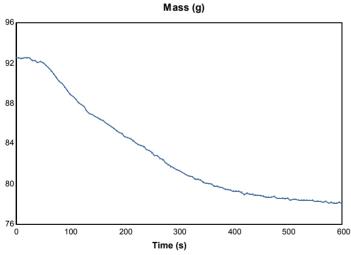
19-005899 Test Number :

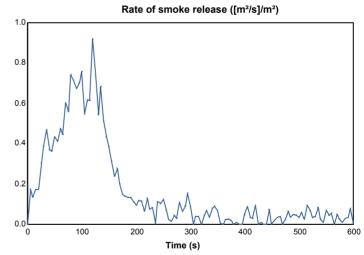
Issue Date 21/11/2019

22/11/2019 **Print Date**









115375 39687 Page 28 of 38

Australian Wool Testing Authority Ltd Copyright - All Rights Reserved



Accredited for compliance with ISO/IEC 17025 - Testing

- Chemical Testing

- Mechanical Testing

Performance & Approvals Testing

Accreditation No 983 Accreditation No. 985 Accreditation No

Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.



ANAGING DIRECTOR

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031 P.O Box 240, North Melbourne, Victoria 3051 Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

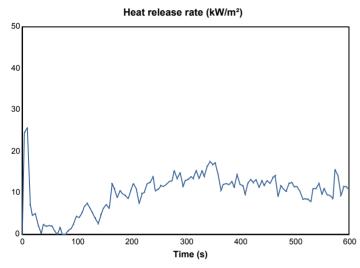
Woven Image Pty Ltd Client:

37-39 Chard Road Brookvale NSW 2100

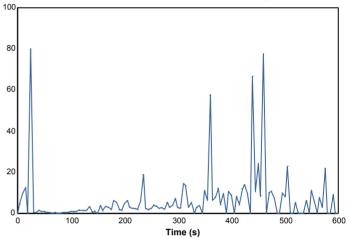
19-005899 Test Number : Issue Date 21/11/2019

22/11/2019 **Print Date**

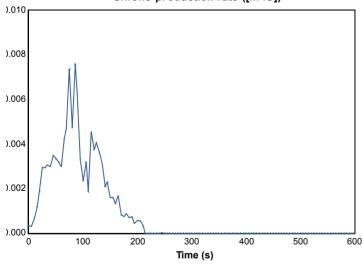
Specimen:



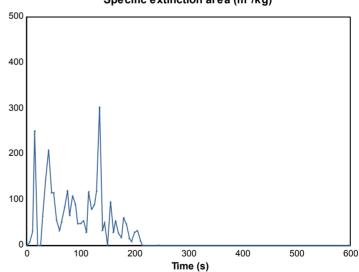
Effective heat of combustion (MJ/kg)



Smoke production rate ([m²/s])



Specific extinction area (m²/kg)



115375

39687

Page 29 of 38

Australian Wool Testing Authority Ltd Copyright - All Rights Reserved



Accredited for compliance with ISO/IEC 17025 - Testing

- Chemical Testing

Mechanical Testing

Performance & Approvals Testing

Accreditation No 983 Accreditation No. 985 Accreditation No

APPROVED SIGNATORY



Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.

ANAGING DIRECTOR

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031 P.O Box 240, North Melbourne, Victoria 3051 Phone (03) 9371 2400 Fax (03) 9371 2499

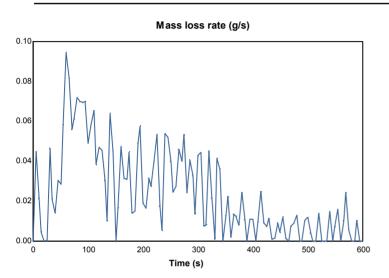
TEST REPORT

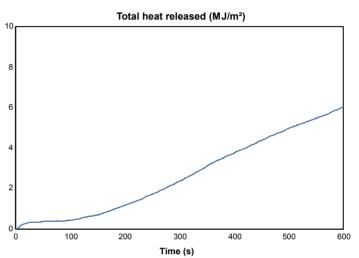
Client: Woven Image Pty Ltd

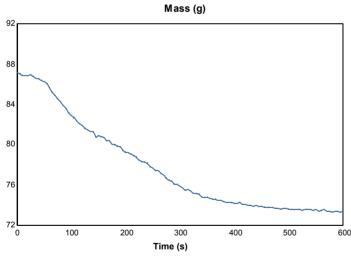
37-39 Chard Road Brookvale NSW 2100 **Test Number** : 19-005899

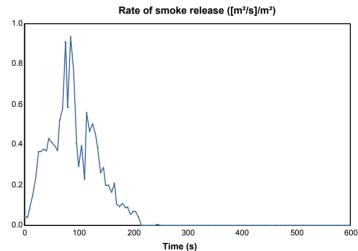
Issue Date : 21/11/2019

Print Date : 22/11/2019









115375

39687

Page 30 of 38

Australian Wool Testing Authority Ltd Copyright - All Rights Reserved



Accredited for compliance with ISO/IEC 17025 - Testing

- Chemical Testing

- Mechanical Testing

Performance & Approvals Testing

: Accreditation No. 983 : Accreditation No. 985 : Accreditation No. 1356

Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.



MICHAEL A. JACKSON B.Sc.(Hons

AWTA Product Testing

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031 P.O Box 240, North Melbourne, Victoria 3051 Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

Woven Image Pty Ltd Client:

> 37-39 Chard Road Brookvale NSW 2100

19-005899 Test Number :

21/11/2019 **Issue Date**

22/11/2019 **Print Date**

kW/m²

"Focus Quilted" **Sample Description** Clients Ref:

Composite fabric assembly - fabric, foam, fabric

D - Fabric

Upholstery, wrapped Panels Operable Walls End Use:

AS/NZS 3837-1998 Method of Test for Heat and Smoke Release Rates for Materials and Products using an Oxygen

Consumption Calorimeter

Date Tested 19/11/2019

AWTA Test Operator 3 Operator

Face Tested Face

Specimen

2 3 Mean fti fti fti fti

Average Heat Release Rate 40.5 25.2 7.2 m²/kg Average Specific extinction area 24.3

(according to Specification C1.10 of the Building Code of Australia)

Test orientation: Horizontal

	Specimen			
1	2	3	Mean	
50	50	50	50	kW/m²
0.024	0.024	0.024	0.024	m³/s
fti	fti	fti	fti	sec
600	600	600	600	sec
7	7	7	7.0	mm
94.6	94.3	94.5	94.5	g
94.6	94.3	94.5	94.5	g
77.3	77.4	77.6	77.4	g
18.3	17.9	17.9	18.0	%
	50 0.024 fti 600 7 94.6 94.6 77.3	50 50 0.024 0.024 fti fti 600 600 7 7 94.6 94.3 94.6 94.3 77.3 77.4	1 2 3 50 50 50 0.024 0.024 0.024 fti fti fti 600 600 600 7 7 7 94.6 94.3 94.5 94.6 94.3 94.5 77.3 77.4 77.6	1 2 3 Mean 50 50 50 50 0.024 0.024 0.024 0.024 fti fti fti fti 600 600 600 600 7 7 7 7.0 94.6 94.3 94.5 94.5 94.6 94.3 94.5 94.5 77.3 77.4 77.6 77.4

115377 39688 Page 31 of 38

Australian Wool Testing Authority Ltd Copyright - All Rights Reserved



Accredited for compliance with ISO/IEC 17025 - Testing

- Chemical Testing

- Mechanical Testing

- Performance & Approvals Testing

Accreditation No 983 Accreditation No. 985 : Accreditation No

Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.



ANAGING DIRECTOR

AWTA Product Testing

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031 P.O Box 240, North Melbourne, Victoria 3051 Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

Woven Image Pty Ltd Client:

> 37-39 Chard Road Brookvale NSW 2100

Test Number :

19-005899

Issue Date

21/11/2019

Print Date

22/11/2019

Mass loss

2.1

3.5

2.1 3.5 2.1 3.5 kg/m² g/m².s

Average rate of mass loss Additional Observations

3.6

2.1

None

Difficulties Encountered during Testing

None

fti = failed to ignite

This product has a release rate of less than 50 kW/m². The formulas given in the Building Code of Australia do not allow the calculation of a group in these circumstances. A product with very low heat release rates like this product is classified as a group 1 material or better according to advice from the Australian Building Codes Board.

These test results relate only to the behaviour of the product under the conditions of the test, they are not intended to be the sole criterion for assessment of performance under real fire conditions.

The results of these fire tests may be used to directly assess fire hazard, but it should be recognised that a single test method will not provide a full assessment of the fire hazard under all fire conditions.

Samples were loose laid onto a substrate of 6mm thick cement sheeting prior to testing.

Tests were conducted with a wire grid placed over the sample during testing. This was done to contain intumescing sample within the sample holder.

115377

Australian Wool Testing Authority Ltd Copyright - All Rights Reserved

39688

Accredited for compliance with ISO/IEC 17025 - Testing

Chemical Testing

 Mechanical Testing - Performance & Approvals Testing Accreditation No. Accreditation No

Accreditation No

983

985

Page 32 of 38

Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.

APPROVED SIGNATORY

ANAGING DIRECTOR

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031 P.O Box 240, North Melbourne, Victoria 3051 Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

Woven Image Pty Ltd Client:

> 37-39 Chard Road Brookvale NSW 2100

19-005899 Test Number :

21/11/2019 **Issue Date**

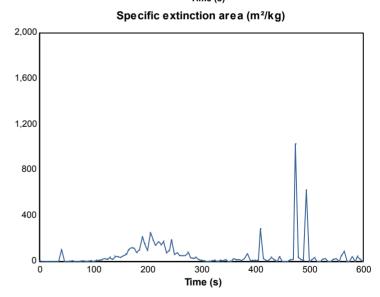
Print Date 22/11/2019

Specimen:

Heat release rate (kW/m²) 20 16 12 300 400 500 600 Time (s)

Effective heat of combustion (MJ/kg) 100 60 40 20 300 Time (s)

Smoke production rate ([m²/s])).010 300.0).006).004).002).000 100 500 200 300 400 600



983

115377 39688 Page 33 of 38

Australian Wool Testing Authority Ltd Copyright - All Rights Reserved



Time (s)

Accredited for compliance with ISO/IEC 17025 - Testing

- Chemical Testing

 Mechanical Testing Performance & Approvals Testing

Accreditation No Accreditation No.

985 Accreditation No

Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.



ANAGING DIRECTOR

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031 P.O Box 240, North Melbourne, Victoria 3051 Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

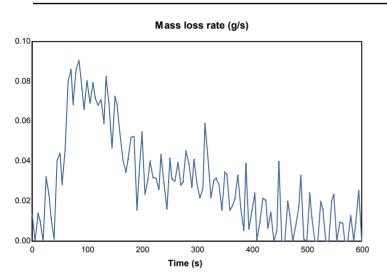
Woven Image Pty Ltd Client:

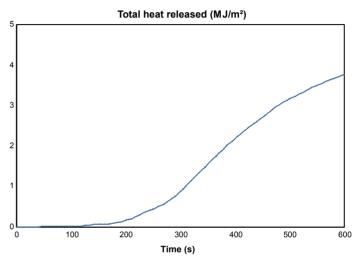
> 37-39 Chard Road Brookvale NSW 2100

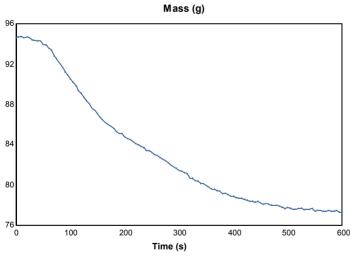
19-005899 Test Number :

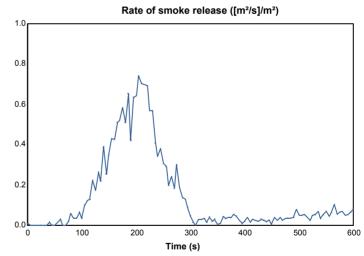
Issue Date 21/11/2019

22/11/2019 **Print Date**









115377 39688 Page 34 of 38

Australian Wool Testing Authority Ltd Copyright - All Rights Reserved

Accredited for compliance with ISO/IEC 17025 - Testing

- Chemical Testing

- Mechanical Testing Performance & Approvals Testing Accreditation No.

983 985

Accreditation No Accreditation No

Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.



ANAGING DIRECTOR

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031 P.O Box 240, North Melbourne, Victoria 3051 Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

Client: Woven Image Pty Ltd

37-39 Chard Road Brookvale NSW 2100 **Test Number** : 19-005899

Issue Date

Print Date : 22/11/2019

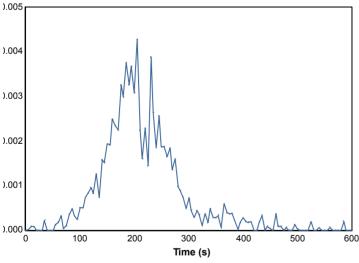
21/11/2019

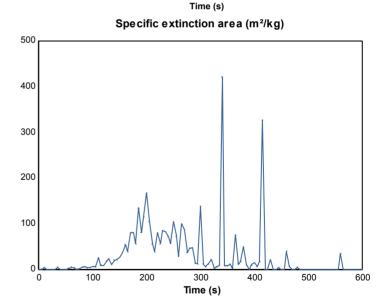
Specimen: 2

Heat release rate (kW/m²) 25 20 15 10 5 0 100 200 300 400 500 600 Time (s)

Effective heat of combustion (MJ/kg) 50 40 30 20 10 0 100 200 300 400 500 600

Smoke production rate ([m²/s])





115377 39688

Australian Wool Testing Authority Ltd Copyright - All Rights Reserved

NATA

Accredited for compliance with ISO/IEC 17025 - Testing

- Chemical Testing

- Mechanical Testing - Performance & Approvals Testing : Accreditation No. 983 : Accreditation No. 985 : Accreditation No. 1356

otherwise stated. AWTA s. The above test results

Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.



Page 35 of 38

MICHAEL A. JACKSON B.Sc.(Hons)

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031 P.O Box 240, North Melbourne, Victoria 3051 Phone (03) 9371 2400 Fax (03) 9371 2499

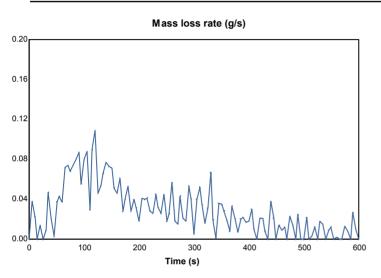
TEST REPORT

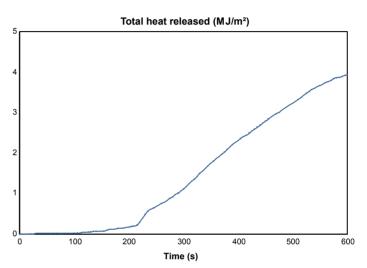
Client: Woven Image Pty Ltd

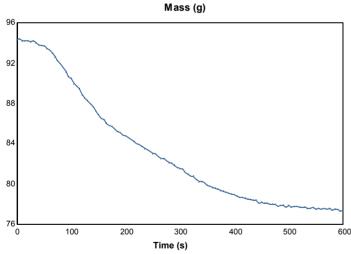
37-39 Chard Road Brookvale NSW 2100 **Test Number** : 19-005899

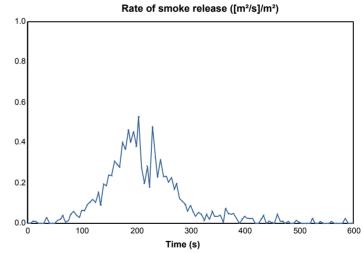
Issue Date : 21/11/2019

Print Date : 22/11/2019









115377

39688

Page 36 of 38

Australian Wool Testing Authority Ltd Copyright - All Rights Reserved NATA

Accredited for compliance with ISO/IEC 17025 - Testing

- Chemical Testing

- Mechanical Testing

Performance & Approvals Testing

: Accreditation No. 983 : Accreditation No. 985 : Accreditation No. 1356

Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.

) z:"

MICHAEL A. JACKSON B.Sc.(I

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031 P.O Box 240, North Melbourne, Victoria 3051 Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

Woven Image Pty Ltd Client:

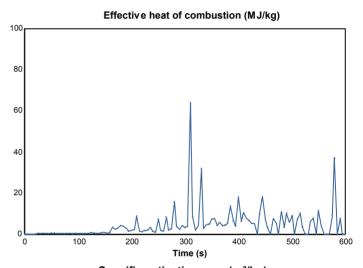
> 37-39 Chard Road Brookvale NSW 2100

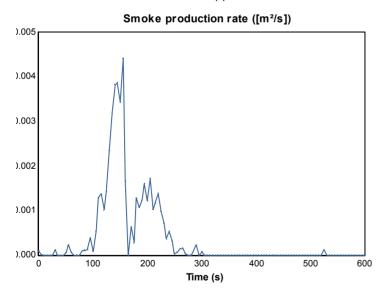
19-005899 Test Number :

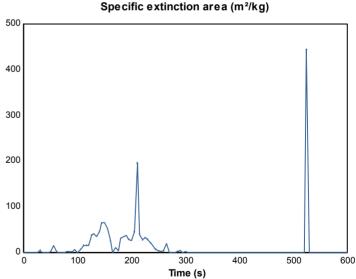
Issue Date 21/11/2019 22/11/2019 **Print Date**

3 Specimen:

Heat release rate (kW/m²) 25 20 15 10 100 200 300 400 500 600 Time (s)







115377 39688 Page 37 of 38

Australian Wool Testing Authority Ltd Copyright - All Rights Reserved

Accredited for compliance with ISO/IEC 17025 - Testing

- Chemical Testing

Mechanical Testing

Performance & Approvals Testing

Accreditation No 983 Accreditation No. 985 Accreditation No

Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.



ANAGING DIRECTOR

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031 P.O Box 240, North Melbourne, Victoria 3051 Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

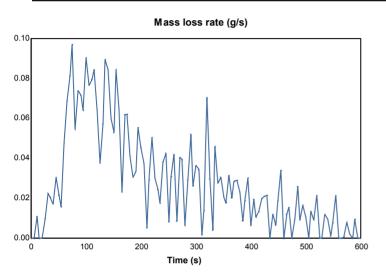
Woven Image Pty Ltd Client:

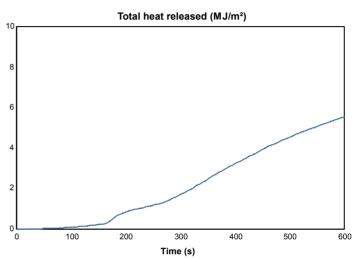
37-39 Chard Road Brookvale NSW 2100

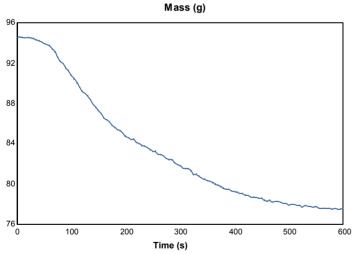
19-005899 Test Number :

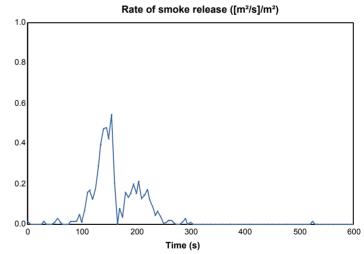
Issue Date 21/11/2019

22/11/2019 **Print Date**









115377

39688

Page 38 of 38

Australian Wool Testing Authority Ltd Copyright - All Rights Reserved



Accredited for compliance with ISO/IEC 17025 - Testing

- Chemical Testing

 Mechanical Testing Performance & Approvals Testing Accreditation No 983 Accreditation No. 985 Accreditation No



Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.

APPROVED SIGNATORY

ANAGING DIRECTOR