

# 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

## TEST REPORT

**Client :** Orafol Australia  
8 Blanck Street  
Ormeau QLD 4208

**Test Number :** 22-000588  
**Issue Date :** 11/03/2022  
**Print Date :** 11/03/2022

**Sample Description** Clients Ref : "Orajet(R) 3169"  
Flexible film - self adhesive  
Colour : White  
End Use : Wall covering  
Nominal Composition : Polymeric PVC  
Nominal Thickness : 100 Micron



166904

56854

Page 1 of 9

© Australian Wool Testing Authority Ltd  
Copyright - All Rights Reserved



Accredited for compliance with ISO/IEC 17025 - Testing



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.

Sean Bassett

APPROVED SIGNATORY

MICHAEL A. JACKSON B.Sc.(Hons)  
MANAGING 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

## TEST REPORT

**Client :** Orafol Australia  
8 Blanck Street  
Ormeau QLD 4208

**Test Number :** 22-000588  
**Issue Date :** 11/03/2022  
**Print Date :** 11/03/2022

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

Date Tested 11-03-2022  
Face Tested FACE

	Specimen				
	1	2	3	Mean	
Average Heat Release Rate	26.8	27.4	26.6	26.9	kW/m <sup>2</sup>
Average Specific extinction area	56.4	49.8	52.0	52.7	m <sup>2</sup> /kg

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

Test orientation : Horizontal

	Specimen				
	1	2	3	Mean	
Irradiance	50	50	50	50	kW/m <sup>2</sup>
Exhaust flow rate	0.024	0.024	0.024	0.024	m <sup>3</sup> /s
Time to sustained flaming	27	24	23	25	sec
Test duration	208	205	204	206	sec
Peak heat release after ignition	89.8	89.6	84.7	88.0	kW/m <sup>2</sup>
Average heat at 60 s	50.4	48.5	49.1	49.3	kW/m <sup>2</sup>
Average heat at 180 s	27.1	27.6	26.6	27.1	kW/m <sup>2</sup>
Average heat at 300 s	n/a	n/a	n/a	n/a	kW/m <sup>2</sup>
Total heat released	4.9	5.0	4.8	4.9	MJ/m <sup>2</sup>
Average effective heat of combustion	4.5	4.6	4.3	4.4	MJ/kg
Initial thickness	10.1	10.1	10.1	10.1	mm
Initial mass	59.5	66.9	66	64.1	g
Mass remaining	50.7	58.2	56.9	55.3	g
Mass percentage pyrolysed	14.8	13.0	13.8	13.9	%

166904

56854

Page 2 of 9

© Australian Wool Testing Authority Ltd  
Copyright - All Rights Reserved



Accredited for compliance with ISO/IEC 17025 - Testing



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.

Sean Bassett

APPROVED SIGNATORY

MICHAEL A. JACKSON B.Sc.(Hons)  
MANAGING 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

## TEST REPORT

**Client :** Orafol Australia  
8 Blanck Street  
Ormeau QLD 4208

**Test Number :** 22-000588  
**Issue Date :** 11/03/2022  
**Print Date :** 11/03/2022

Mass loss	1.1	1.1	1.1	1.1	kg/m <sup>2</sup>
Average rate of mass loss	6.0	6.0	6.2	6.0	g/m <sup>2</sup> .s
Additional Observations	NONE				
Difficulties Encountered during Testing	NONE				

Retainer grid was used to contain the test specimen within the sample holder

Each specimen was self adhered to 10mm thick plasterboard prior to testing

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.

166904

56854

Page 3 of 9

© Australian Wool Testing Authority Ltd  
Copyright - All Rights Reserved



Accredited for compliance with ISO/IEC 17025 - Testing



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.

Sean Bassett

APPROVED SIGNATORY

MICHAEL A. JACKSON B.Sc.(Hons)  
MANAGING 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

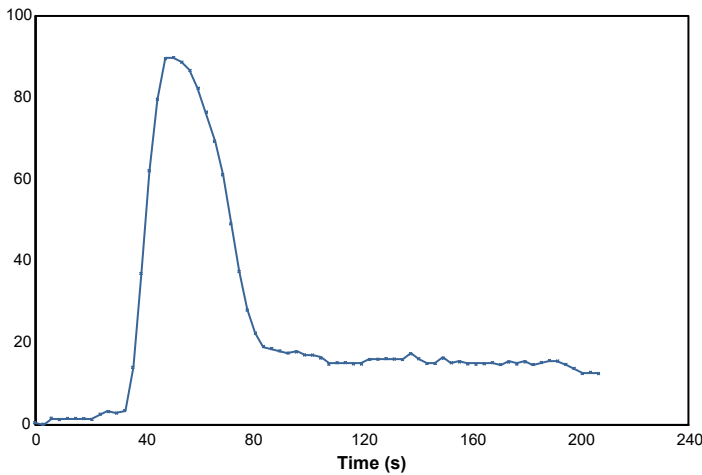
## TEST REPORT

**Client :** Orafol Australia  
8 Blanck Street  
Ormeau QLD 4208

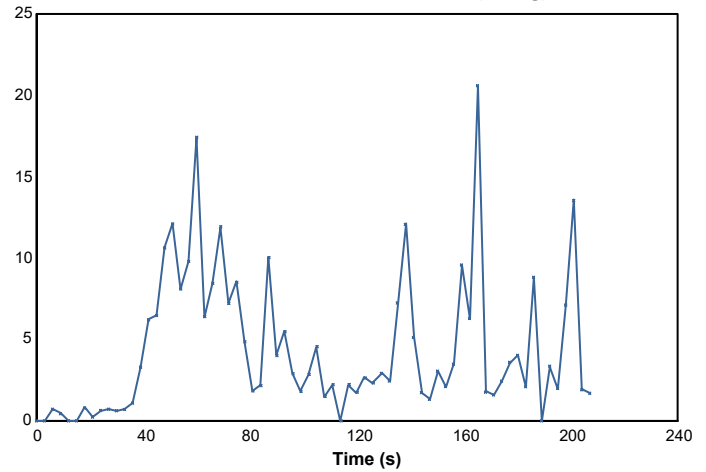
**Test Number :** 22-000588  
**Issue Date :** 11/03/2022  
**Print Date :** 11/03/2022

**Specimen :** 1

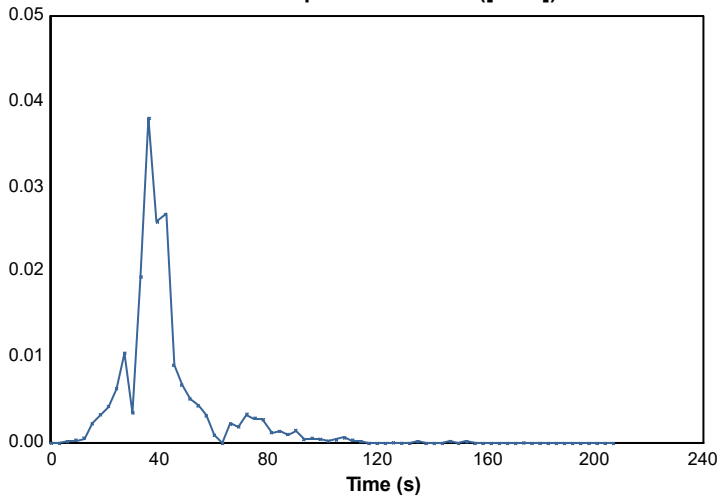
**Heat release rate (kW/m<sup>2</sup>)**



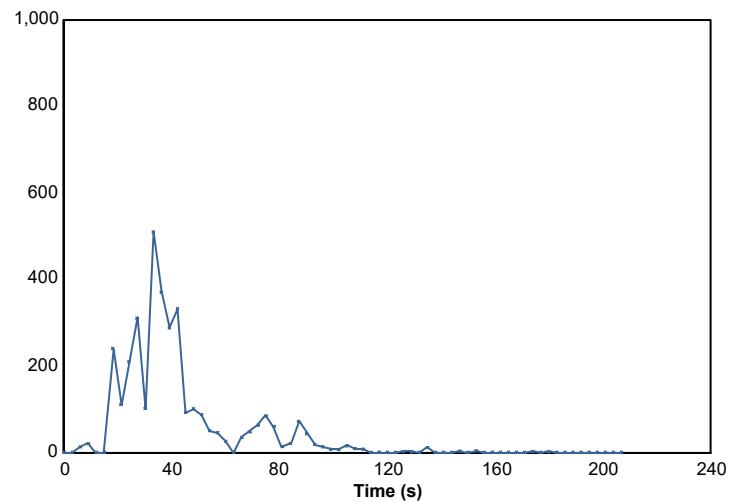
**Effective heat of combustion (MJ/kg)**



**Smoke production rate ([m<sup>2</sup>/s])**



**Specific extinction area (m<sup>2</sup>/kg)**



166904

56854

Page 4 of 9

© Australian Wool Testing Authority Ltd  
Copyright - All Rights Reserved



Accredited for compliance with ISO/IEC 17025 - Testing

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.



# 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

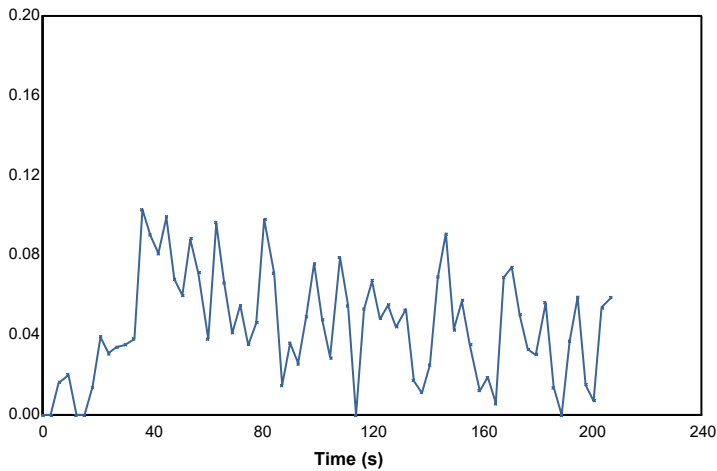
Phone (03) 9371 2400

## TEST REPORT

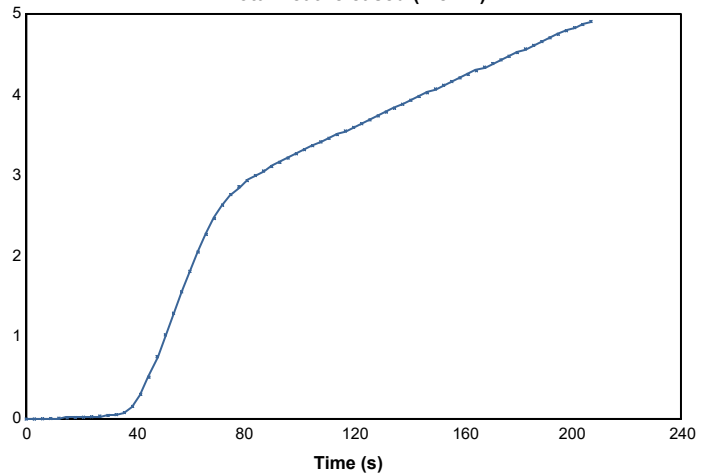
**Client :** Orafol Australia  
8 Blanck Street  
Ormeau QLD 4208

**Test Number :** 22-000588  
**Issue Date :** 11/03/2022  
**Print Date :** 11/03/2022

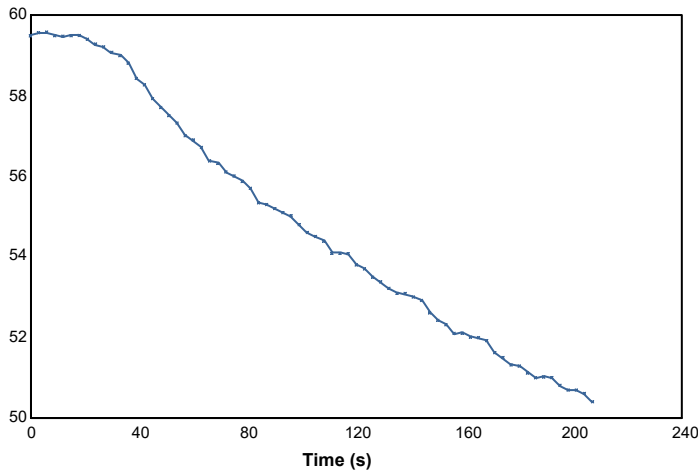
Mass loss rate (g/s)



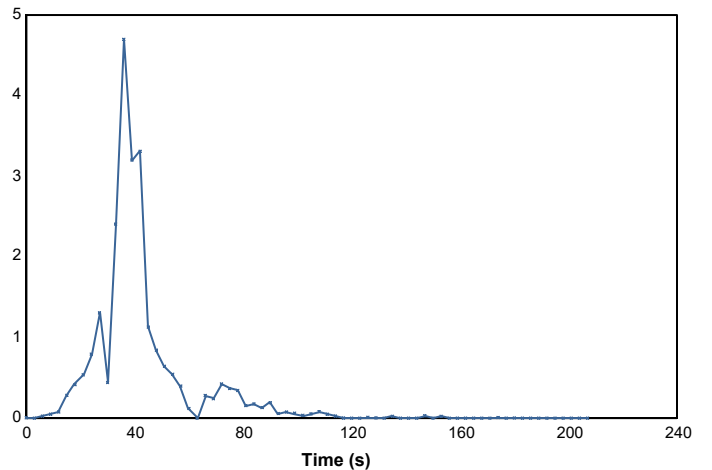
Total heat released (MJ/m<sup>2</sup>)



Mass (g)



Rate of smoke release ([m<sup>2</sup>/s)/m<sup>2</sup>)



166904

56854

Page 5 of 9

© Australian Wool Testing Authority Ltd  
Copyright - All Rights Reserved



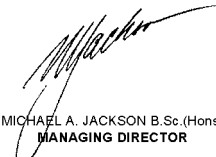
Accredited for compliance with ISO/IEC 17025 - Testing



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.

  
Sean Bassett

APPROVED SIGNATORY

  
MICHAEL A. JACKSON B.Sc.(Hons)  
MANAGING 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

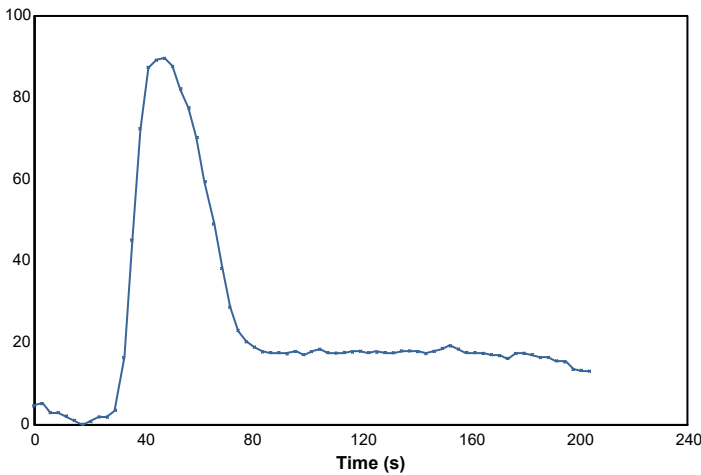
## TEST REPORT

**Client :** Orafol Australia  
8 Blanck Street  
Ormeau QLD 4208

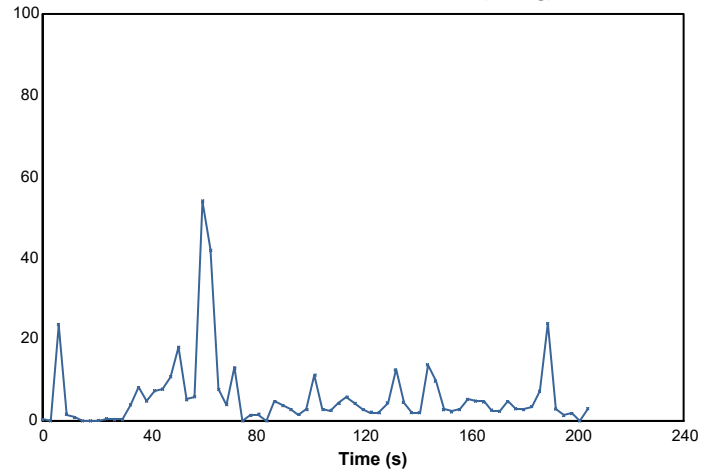
**Test Number :** 22-000588  
**Issue Date :** 11/03/2022  
**Print Date :** 11/03/2022

**Specimen :** 2

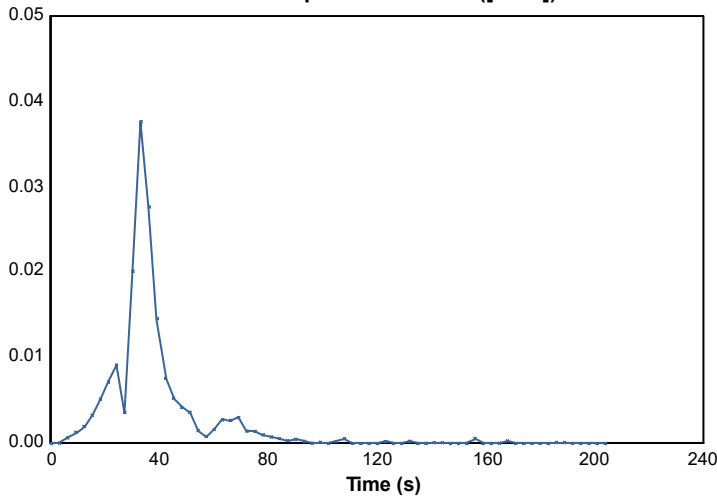
**Heat release rate (kW/m<sup>2</sup>)**



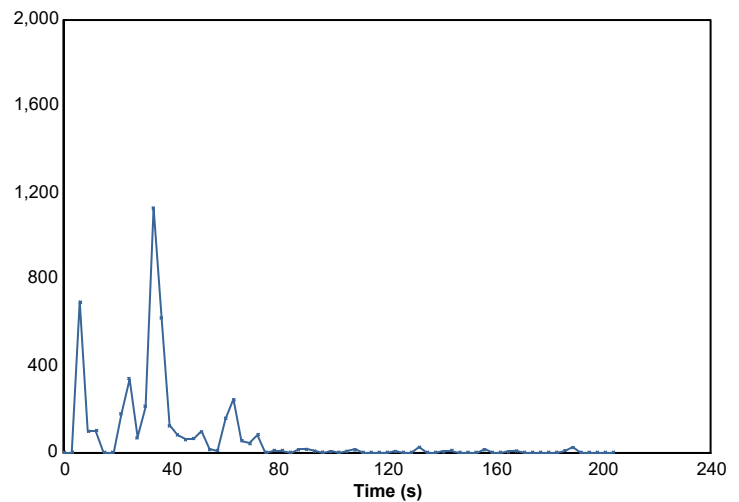
**Effective heat of combustion (MJ/kg)**



**Smoke production rate ([m<sup>2</sup>/s])**



**Specific extinction area (m<sup>2</sup>/kg)**



166904

56854

Page 6 of 9

© Australian Wool Testing Authority Ltd  
Copyright - All Rights Reserved



Accredited for compliance with ISO/IEC 17025 - Testing

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.



0204/11/06

  
Sean Bassett  
APPROVED SIGNATORY

  
MICHAEL A. JACKSON B.Sc.(Hons)  
MANAGING 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

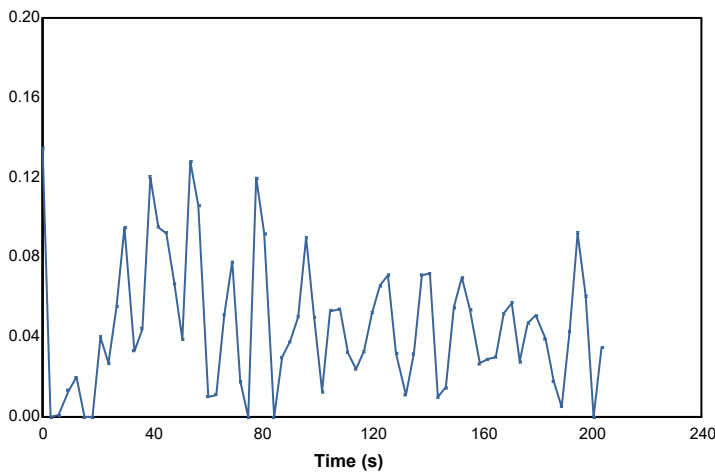
Phone (03) 9371 2400

## TEST REPORT

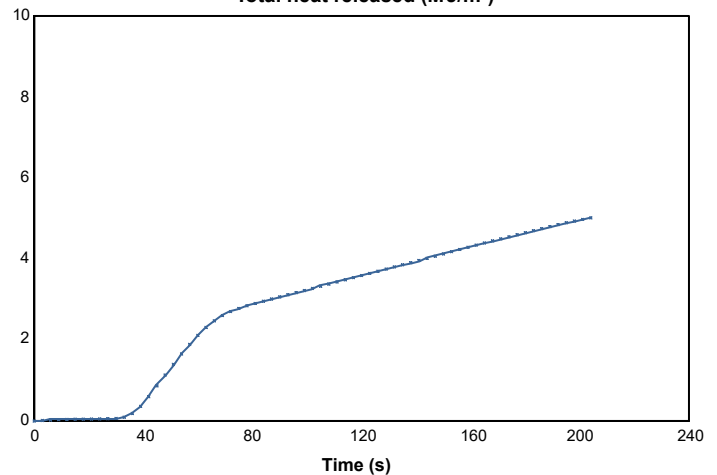
**Client :** Orafol Australia  
8 Blanck Street  
Ormeau QLD 4208

**Test Number :** 22-000588  
**Issue Date :** 11/03/2022  
**Print Date :** 11/03/2022

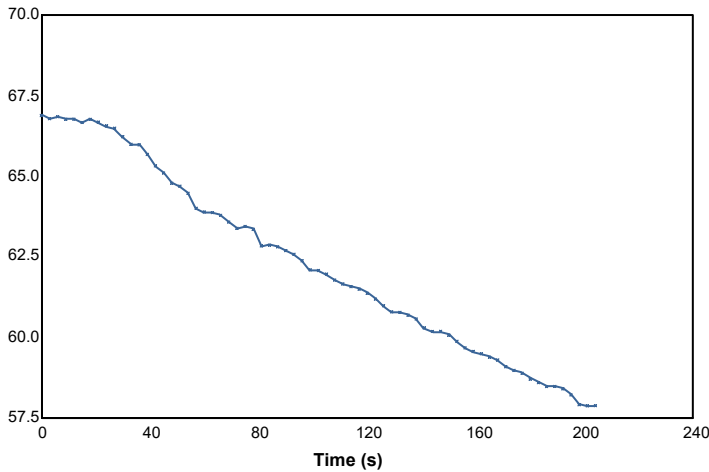
Mass loss rate (g/s)



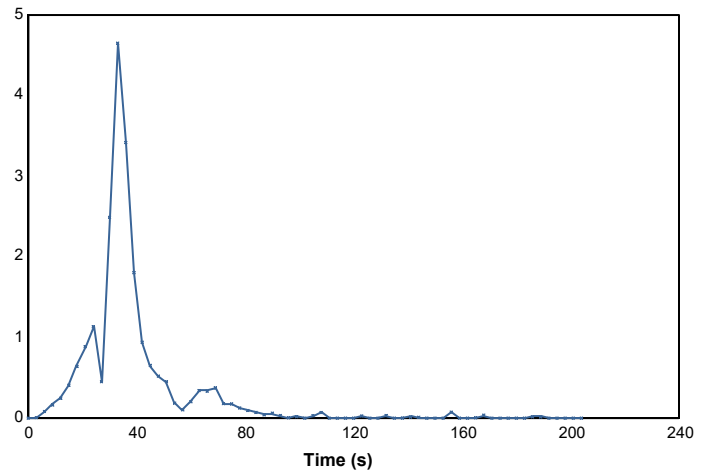
Total heat released (MJ/m<sup>2</sup>)



Mass (g)



Rate of smoke release ([m<sup>2</sup>/s)/m<sup>2</sup>)



166904

56854

Page 7 of 9

© Australian Wool Testing Authority Ltd  
Copyright - All Rights Reserved



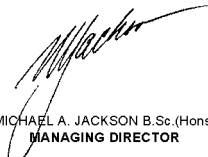
Accredited for compliance with ISO/IEC 17025 - Testing

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.



0204/11/06

  
Sean Bassett  
APPROVED SIGNATORY

  
MICHAEL A. JACKSON B.Sc.(Hons)  
MANAGING 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

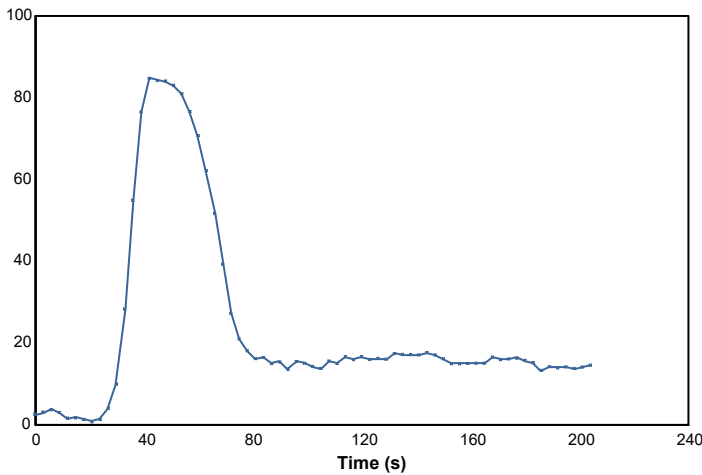
## TEST REPORT

**Client :** Orafol Australia  
8 Blanck Street  
Ormeau QLD 4208

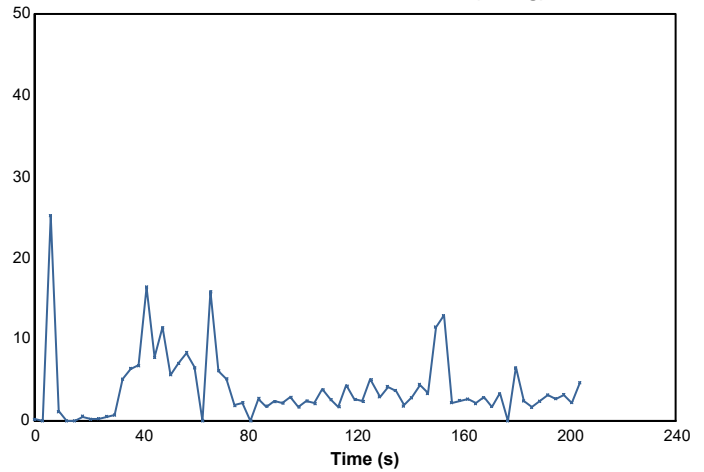
**Test Number :** 22-000588  
**Issue Date :** 11/03/2022  
**Print Date :** 11/03/2022

**Specimen :** 3

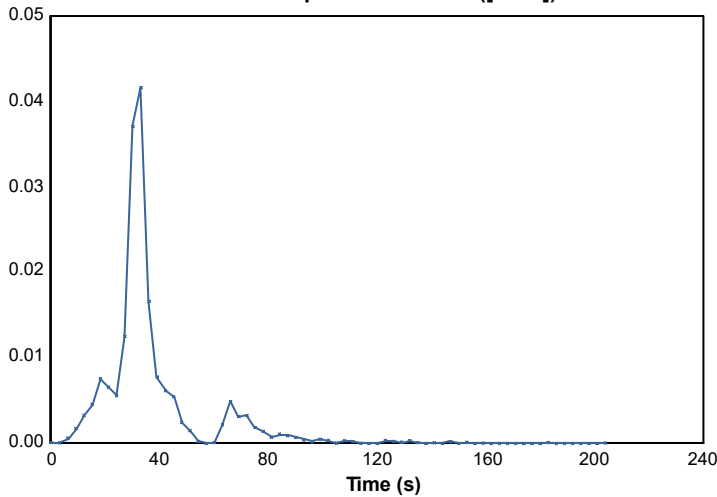
**Heat release rate (kW/m<sup>2</sup>)**



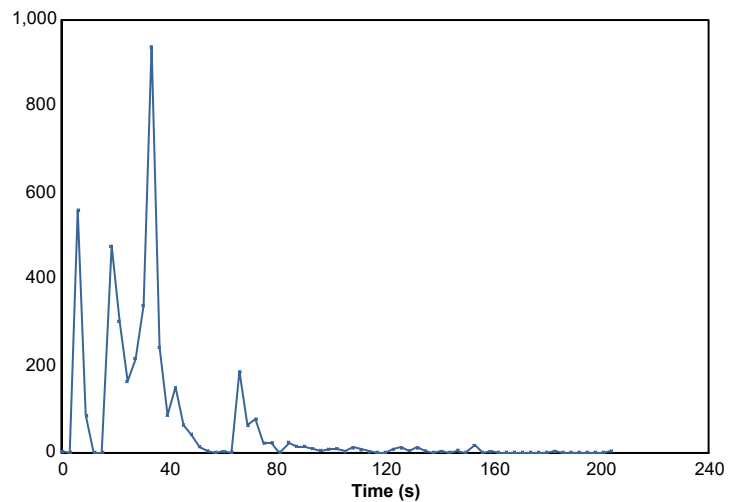
**Effective heat of combustion (MJ/kg)**



**Smoke production rate ([m<sup>2</sup>/s])**



**Specific extinction area (m<sup>2</sup>/kg)**



166904

56854

Page 8 of 9

© Australian Wool Testing Authority Ltd  
Copyright - All Rights Reserved



Accredited for compliance with ISO/IEC 17025 - Testing

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.



0204/11/06

  
Sean Bassett  
APPROVED SIGNATORY

  
MICHAEL A. JACKSON B.Sc.(Hons)  
MANAGING 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

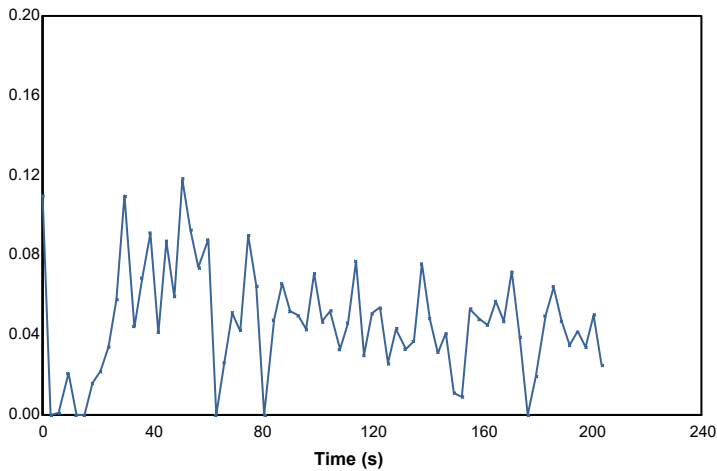
Phone (03) 9371 2400

## TEST REPORT

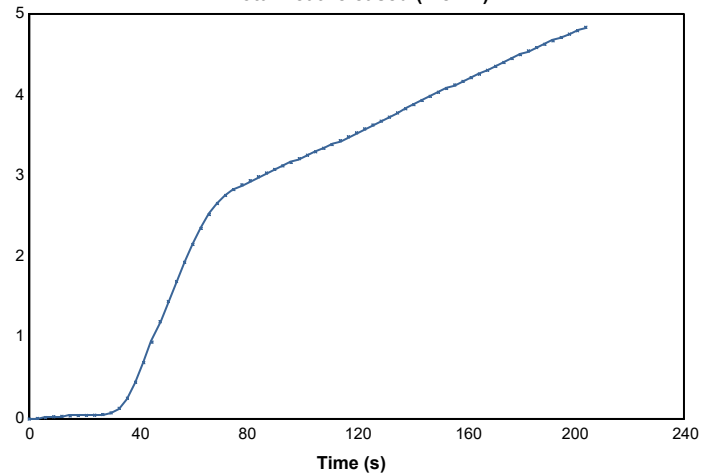
**Client :** Orafol Australia  
8 Blanck Street  
Ormeau QLD 4208

**Test Number :** 22-000588  
**Issue Date :** 11/03/2022  
**Print Date :** 11/03/2022

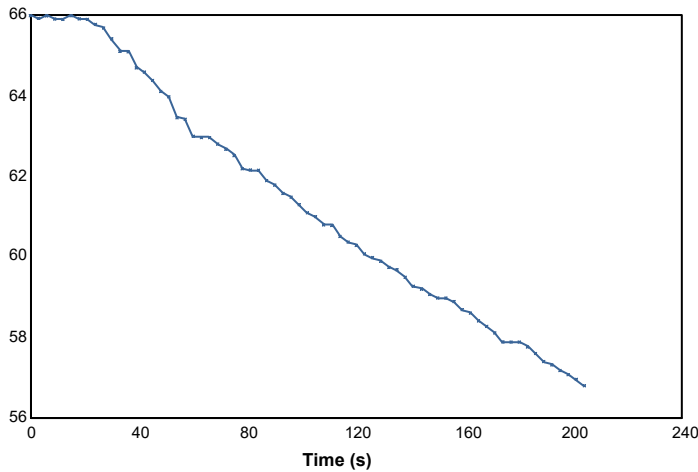
Mass loss rate (g/s)



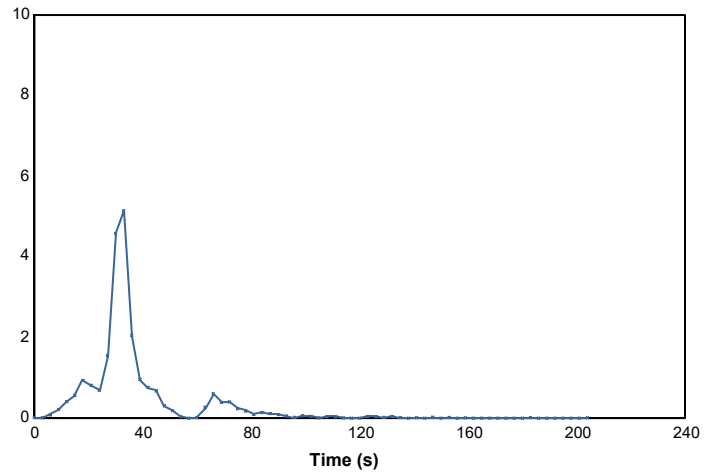
Total heat released (MJ/m<sup>2</sup>)



Mass (g)



Rate of smoke release ([m<sup>2</sup>/s)/m<sup>2</sup>)



166904

56854

Page 9 of 9

© Australian Wool Testing Authority Ltd  
Copyright - All Rights Reserved



Accredited for compliance with ISO/IEC 17025 - Testing

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.

