

# 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

**Client :** Advanced Plastic Recycling  
Lot 9/500 Churchill Road  
Kilburn SA 5084

**Test Number :** 17-000514  
**Issue Date :** 27/03/2017  
**Print Date :** 27/03/2017

### Replacement of Initial Report dated :24/03/2017

**Sample Description** Composite plastic material  
Colour : Grey

#### ASTM D4329-2013

#### Standard Practice for Fluorescent Ultraviolet (UV) Lamp Apparatus Exposure of Plastics

Colour Change	4
Change in Appearance	Nil
Other observations	Slight change in hue
Exposure Time	500 Hrs
Irradiance	0.83 W/m <sup>2</sup> /nm
Lamp type	UVB 313
Cycle Conditions	8 hours UV at 50 degC and 4 hours Condensation at 50 degC

86524

17390

Page 1 of 4

© Australian Wool testing Authority Ltd  
Copyright - All Rights Reserved

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. The above test results are designed to provide THE CLIENT WITH GUIDANCE INFORMATION ONLY.

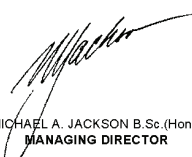
This document shall not be reproduced except in full and shall be rendered void if amended or altered.

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 in advance by the Managing Director of AWTA Ltd.



0205/11/06

  
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 Fax (03) 9371 2499

## TEST REPORT

**Client :** Advanced Plastic Recycling  
Lot 9/500 Churchill Road  
Kilburn SA 5084

**Test Number :** 17-000514  
**Issue Date :** 27/03/2017  
**Print Date :** 27/03/2017

Replacement of Initial Report dated :24/03/2017



Colour change rated with Grey Scale in accordance with  
ISO 105 A02-1993 Where 5 = No change, 1 = Severe change

86524

17390

Page 2 of 4

© Australian Wool testing Authority Ltd  
Copyright - All Rights Reserved

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. The above test results are designed to provide THE CLIENT WITH GUIDANCE INFORMATION ONLY.

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 in advance by the Managing Director of AWTA Ltd.



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 Fax (03) 9371 2499

## TEST REPORT

**Client :** Advanced Plastic Recycling  
Lot 9/500 Churchill Road  
Kilburn SA 5084

**Test Number :** 17-000514  
**Issue Date :** 27/03/2017  
**Print Date :** 27/03/2017

### Replacement of Initial Report dated :24/03/2017

**ASTM D2240-2005**  
**(Reapproved 2010)**

### Rubber Property - Durometer Hardness

Durometer used	Spec 1	Shore D
As Received		Spec 2
1	64	63 Shore D degrees
2	65	65 Shore D degrees
3	66	65 Shore D degrees
4	65	65 Shore D degrees
5	65	64 Shore D degrees
Mean	65	64 Shore D degrees

Test Conditions: Temperature 20±2°C, Relative humidity 65±3%

Measurement taken after 1 second indentation

86524

17390

Page 3 of 4

© Australian Wool testing Authority Ltd  
Copyright - All Rights Reserved

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. The above test results are designed to provide THE CLIENT WITH GUIDANCE INFORMATION ONLY.

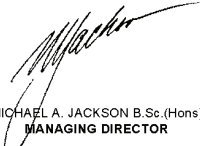
This document shall not be reproduced except in full and shall be rendered void if amended or altered.

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 in advance by the Managing Director of AWTA Ltd.



0205/11/06

  
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 Fax (03) 9371 2499

## TEST REPORT

**Client :** Advanced Plastic Recycling  
Lot 9/500 Churchill Road  
Kilburn SA 5084

**Test Number :** 17-000514  
**Issue Date :** 27/03/2017  
**Print Date :** 27/03/2017

### Replacement of Initial Report dated :24/03/2017

**ASTM D2240-2005**  
**(Reapproved 2010)**

### Rubber Property - Durometer Hardness

Durometer used		Shore D
After Exposure	Spec 1	Spec 2
1	65	65 Shore D degrees
2	66	64 Shore D degrees
3	65	64 Shore D degrees
4	66	62 Shore D degrees
5	65	63 Shore D degrees
Mean	65	64 Shore D degrees

Test Conditions: Temperature 20±2°C, Relative humidity 65±3%

Measurement taken after 1 second indentation

Sample exposed in accordance with ASTM D4329-13 for 500 hours prior to measurement.

86524

17390

Page 4 of 4

© Australian Wool testing Authority Ltd  
Copyright - All Rights Reserved

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. The above test results are designed to provide THE CLIENT WITH GUIDANCE INFORMATION ONLY.


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 in advance by the Managing Director of AWTA Ltd.



0205/11/06

  
APPROVED SIGNATORY

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