

# 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 :** Victoria Carpet Co Pty Ltd  
7-29 Gladstone Road  
Dandenong VIC 3175

**Test Number :** 15-004292  
**Issue Date :** 27/08/2015  
**Print Date :** 1/09/2015

**Sample Description** Clients Ref : "153612"  
Nylon carpet tile with Tuntex Duraback

**Test Method** Carpet Institute of Australian Environmental Certification Scheme incorporating ISO 10580: "Resilient, Textile and Laminate Floor Coverings: Evaluation of Volatile Organic Compound Emissions"

Carpet Institute of Australia Environmental Certification Scheme Spec.	Emission Factor Criterion (24 Hour) $\mu\text{g}/\text{m}^2\cdot\text{h}$	Emission Factor Test Result (24 Hour) $\mu\text{g}/\text{m}^2\cdot\text{h}$
Formaldehyde	<10	<1.3
Acetaldehyde	<20	<1.3
Vinyl Acetate	<400	<1.0
Benzene	<55	<0.5
Toluene	<280	<0.5
4-Vinyl cyclohexene	<85	<0.3
Xylenes	<50	<0.3
Styrene	<410	<0.3
1-Methyl-2-Pyrrolidone	<300	<50.0
2-Ethyl-1-hexanol	<50	34.0
Octanal	<24	<1.0
Nonanal	<24	<1.0
2-ethylhexanoic	<46	<25.0
Napthalene	<20	<0.50
Caprolactam	<120	<20.0
4-Phenylcyclohexene	<50	<0.3
Hydrocarbons (C10-C14)	<300	38.1
Total Volatile Organic Compound	<500	73.9

34139

7075

Page 1 of 2

© 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 :** Victoria Carpet Co Pty Ltd  
7-29 Gladstone Road  
Dandenong VIC 3175

**Test Number :** 15-004292  
**Issue Date :** 27/08/2015  
**Print Date :** 1/09/2015

Test specimen size	500 x400 mm
Test time	24 Hrs
Test temperature	23 °C
Test humidity	50 %
Loading factor	0.4 m <sup>2</sup> /m <sup>3</sup>
Air exchange	1 /h

**Seal and test** Sealed with aluminium foil, and the back side of test specimen was placed on an inert glass plate to determine the emission of upper surface

### Remarks:

1. Formaldehyd and acetaldehyde were detected using HPLC method with ultraviolet detector, whereas other VOC's substances were detected by Gas chromatography/Mass spectrometry method.
2. In this Gas chromatography/Mass spectrometry method, the scan mode of SIM was employed for caprolactum detection, and TIC for others.

Tested by AWTA-JSIC JinAo Testing Co Limited - China.

34139

7075

Page 2 of 2

© 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