

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 : EC Group
PO Box 376
Edwardstown SA 5039

Test Number : 22-002145
Issue Date : 11/07/2022
Print Date : 11/07/2022

Sample Description Clients Ref : "Econyl Solution Dyed Nylon Synthetic Backed Carpet"

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	4.8
Vinyl Acetate	<400	<1.0
Benzene	<55	<0.5
Toluene	<280	<0.5
4-Vinyl cyclohexene	<85	1.0
Xylenes	<50	2.1
Styrene	<410	11.5
1-Methyl-2-Pyrrolidone	<300	<50.0
2-Ethyl-1-hexanol	<50	<20.0
Octanal	<24	<1.0
Nonanal	<24	<1.0
2-ethylhexanoic	<46	<2.0
Napthalene	<20	<0.5
Caprolactam	<120	117.2
4-Phenylcyclohexene	<50	49.1
Hydrocarbons (C10-C14)	<300	260.9
Total Volatile Organic Compound	<500	296.8

Test specimen size 690x580 (1 piece) mm

Test time 24 Hrs

272448

58791

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.



Fiona McDonald

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 : EC Group
PO Box 376
Edwardstown SA 5039

Test Number : 22-002145
Issue Date : 11/07/2022
Print Date : 11/07/2022

Test temperature 23 °C
Test humidity 50 %
Loading factor 0.4 m²/m³
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

Tested by AWTA-JSIC JinAo Testing Co Limited - China
Test Report Number JA223465

Date of Testing 08/07/2022

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.

272448

58791

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.



Fiona McDonald

APPROVED SIGNATORY

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