

AWTA PRODUCT TESTING

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

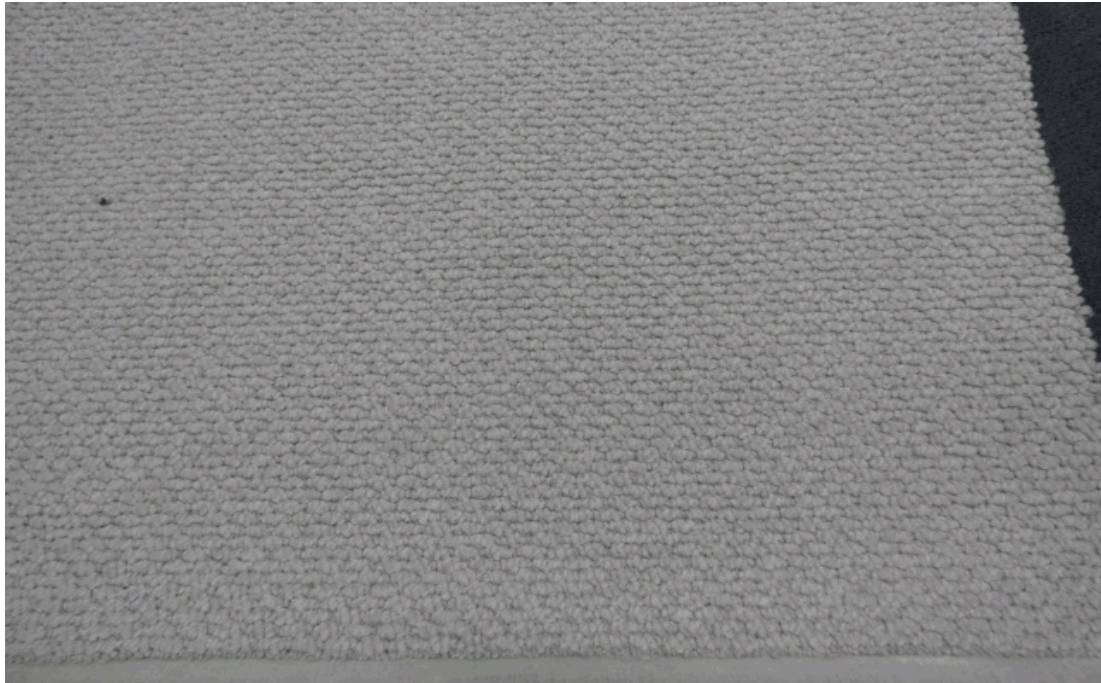
1st Floor, 191 Racecourse Road, Flemington, Victoria 3031
P.O Box 240, North Melbourne, Victoria 3051
Phone (03) 9371 2400

TEST REPORT

Client : EC Group
PO Box 376
Edwardstown SA 5039

Test Number : 23-002487
Issue Date : 27/06/2023
Print Date : 27/06/2023

Sample Description Clients Ref : "35oz Solution Dyed Nylon Loop Pile"
Loop pile carpet tested on Dunlop Government Red Underlay
End Use : Flooring
Nominal Composition : 100% Solution Dyed Nylon
Nominal Mass per Unit Area/Density : 35oz/yd²



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Accredited for compliance with ISO/IEC 17025 - Testing
Accreditation Numbers: 983, 985, and 1356

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Fiona McDonald

APPROVED SIGNATORY

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

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ISO 9239.1:2010 Part 1

Reaction to Fire Tests for Floorings. Determination of the Burning Behaviour using a Radiant Heat Source

Date of Sample Arrival 08-05-2023

Date Tested 23-06-2023

| | | | | |
|-------------|-----|-----|-----|-----------------------|
| CHF Value | 1 | 2 | 3 | Mean |
| Length | 2.7 | 3.4 | 3.6 | 3.2 kW/m ² |
| Width | 3.9 | - | - | - kW/m ² |
| HF-30 Value | 1 | 2 | 3 | Mean |
| Length | 4.7 | 5.1 | 4.5 | 4.8 kW/m ² |
| Width | 4.5 | - | - | - kW/m ² |
| Smoke Value | 1 | 2 | 3 | Mean |
| Length | 99 | 24 | 69 | 64 %.min |
| Width | 15 | - | - | - %.min |

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Observation

| | |
|---|-----|
| Melting | Yes |
| Penetration of flame through to substrate | Yes |

Each specimen was loose laid over Dunlop - Government Red underlay and 6mm thick fibre reinforced cement board and clamped prior to testing.

The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test, they are not intended to be sole criterion for assessing the potential fire hazard of the product in use.

Sample was conditioned in accordance with BSEN 13238:2010 at a temperature of $23\pm 2^{\circ}\text{C}$ and relative humidity of $50\pm 5\%$ for a minimum of 48 hours prior to testing.

Results in accordance with section 9.4 have not been included in the report. They are available upon request.

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