

# 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 :** Godfrey Hirst Aust Pty Ltd  
7 Factories Road  
South Geelong VIC 3220

**Test Number :** 20-004747  
**Issue Date :** 7/10/2020  
**Print Date :** 7/10/2020  
**Order Number :** AW 9G

**Sample Description** Clients Ref : "32oz 100% Solution Dyed Nylon Cut Pile Twist Carpet"  
Cut pile carpet- synthetic backing  
End Use : Flooring  
Nominal Composition : 100% Solution Dyed Nylon  
Nominal Mass per Unit Area/Density : 32oz/yd2

### AS ISO 9239.1-2003

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

Date of Sample Arrival 18/09/2020

Date Tested 05/10/2020

CHF Value	1	2	3	Mean
Length	3.2	-	-	- kW/m <sup>2</sup>
Width	2.4	1.8	2.3	2.2 kW/m <sup>2</sup>
HF-30 Value	1	2	3	Mean
Length	3.5	-	-	- kW/m <sup>2</sup>
Width	3.5	3.1	3.4	3.3 kW/m <sup>2</sup>
Smoke Value	1	2	3	Mean
Length	197	-	-	- %min
Width	204	258	220	227 %min

#### Observations:

Melting Yes  
Penetration of flame through to substrate Yes

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Page 1 of 2

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APPROVED SIGNATORY

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

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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 8.4 have not been included in the report. They are available upon request.

Each specimen was loose laid over Airstep Steplight Underlay and 6mm thick fibre reinforced cement board and clamped prior to testing.

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Page 2 of 2

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A handwritten signature in black ink, appearing to read 'Michael A. Jackson'.

APPROVED SIGNATORY

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