

# 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 :** 22-001583  
**Issue Date :** 23/06/2022  
**Print Date :** 23/06/2022  
**Order Number :** AW 5C

**Sample Description** Clients Ref : 42oz SDN Twist Pile Carpet"  
Cut Pile Carpet - Synthetic Backing  
Colour : Grey  
End Use : Flooring  
Nominal Composition : 100% Solution Dyed Nylon  
Nominal Mass per Unit Area/Density : 42oz/yd



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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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### 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 11-05-2022

Date Tested 17-06-2022

CHF Value	1	2	3	Mean
Length	3.1	3.6	4.4	3.7 kW/m <sup>2</sup>
Width	4.7	-	-	- kW/m <sup>2</sup>

HF-30 Value	1	2	3	Mean
Length	3.1	4.7	5.8	4.5 kW/m <sup>2</sup>
Width	4.7	-	-	- kW/m <sup>2</sup>

Smoke Value	1	2	3	Mean
Length	193	151	127	157 % .min
Width	148	-	-	- % .min

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### Observations:

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

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