

# 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 :** National Flooring Distributors  
13 Dulwich Street  
Loganholme QLD 4129

**Test Number :** 18-006541  
**Issue Date :** 19/11/2018  
**Print Date :** 19/11/2018

**Sample Description** Clients Ref : "Antares"  
Cut pile carpet  
Colour : Beige  
Nominal Composition : Olefin  
Nominal Mass per Unit Area/Density : 1000g/m<sup>2</sup>

AS/NZS 2111.4-1996

### Surface Pile Mass at Standard Conditions

Corrected Surface Pile Mass, mean	731 g/m <sup>2</sup>
Standard Allowance	2.00 %
Specimen	
1	722 g/m <sup>2</sup>
2	712 g/m <sup>2</sup>
3	735 g/m <sup>2</sup>
4	718 g/m <sup>2</sup>
Mean	722 g/m <sup>2</sup>
Coefficient of Variation	1.4 %
Moisture Regain of Pile	0.7 %

Modified: Corrected for moisture regain only.

Apparatus: Band knife

Based on nominal pile fibre content.

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- Chemical Testing  
- Mechanical Testing  
- Performance & Approvals Testing

: Accreditation No. 983  
: Accreditation No. 985  
: Accreditation No. 1356

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APPROVED SIGNATORY

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

0204/11/06

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### AS 2001.3.4-1995

#### Test A

### Determination of Extractable Matter

Mean 1.0 %  
Solvent Methanol

### AS/NZS 2111.9-1996

### Determination of Number of Tufts per unit Length

S (Parallel to Selvage) (Stitches) 39.0 / 100mm  
G (Right Angles to Selvage) (Gauge) 31.6 / 100mm

### AS/NZS 2111.5-1996

### Determination of Pile Thickness above the backing - ACCS Modified

	1	2	3	4	Mean
Total Thickness	8.0	7.9	7.9	8.1	8.0 mm
Backing Thickness	2.4	2.4	2.3	2.4	2.4 mm
Pile Thickness	5.6	5.5	5.6	5.7	5.6 mm

Template used to facilitate thickness measurement.

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**TWC 251/247/284-2009**

**Texture and Colour Change - Hexapod Tumbler Tester**

After 1500 cycles	Texture	Colour
Mean Grade	4.5	4.5
Mean Worst Angle	4.5	4.0
Pile Thickness Loss		0.6 mm
Pile Thickness Loss		10.3 %
After 8000 cycles	Texture	Colour
Mean Grade	2.5	3.5
Mean Worst Angle	2.5	3.5
Pile Thickness Loss		2.3 mm
Pile Thickness Loss		40.7 %
Total Carpet Thickness		7.9 mm
Total Pile Thickness		5.6 mm
International Reference Scale		B

Vacuum cleaned with upright cleaner at commencement of test, after 1500 cycles and where applicable every 2000 cycles. Thickness measurements taken after vacuuming.

Rating scale: 1 = Very severe change 5 = No change

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**AS 2404-1980  
(ACCS Modified)**

**Fire Propagation Properties (AS 2111.18 Pill Test)**

Pass

Samples were conditioned in standard atmosphere of  $20\pm 2^{\circ}\text{C}$  and  $65\pm 2\%$  relative humidity prior to testing.

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