

# 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 : SHANHUA CARPETS  
PO BOX 1236  
KENSINGTON VIC 3031

TEST NUMBER : 7-587049-AV  
ISSUE DATE : 17/09/2012  
PRINT DATE : 17/09/2012

SAMPLE DESCRIPTION Clients Ref: "SH42/2"  
Woven cut pile Axminster carpet  
Colour: Black / Grey / Multi  
Approx pile height: 7mm

### Material Specification:

Nominal pile composition: 80% Wool, 20% Nylon  
Nominal total pile mass: 1423g/m<sup>2</sup>  
Nominal backing: Primary Jute / Polyester / Cotton  
Secondary SBR Latex

ASISO 9239.1-2003  
Part 1

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

Date of sample arrival: 04/09/2012

Date tested: 13/09/2012

	CHF (Critical Heat Flux / Critical Radiant Flux)				Mean	
	1	2	3			
Length	9.9	-	-	-	-	kW/m <sup>2</sup>
Width	9.3	10.2	9.6	9.7	-	kW/m <sup>2</sup>

### Smoke Value

Length	11	-	-	-	% min
Width	17	26	38	27	% min

Observations: Melting, blistering

Note: Sample was conditioned in accordance with BSEN 13238-2001 at a temperature of 23+/-2degC and Relative Humidity of 50+/-5% for a minimum of 48 hours prior to testing

Each specimen was adhered to Airstep Sensi Slab underlay of nominal thickness 4.7mm and mass 1390+/-50g/m<sup>2</sup> composed of SBR latex with a polypropylene woven scrim using Roberts 95 adhesive and the underlay was then adhered using Roberts 656 adhesive to a substrate of 6mm thick fibre reinforced cement board

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-Chemical Testing of Textiles & Related Products : Accreditation No. 983  
-Mechanical Testing of Textiles & Related Products : Accreditation No. 985  
-Heat & Temperature Measurement : Accreditation No. 1356

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*[Signature]*

*[Signature]*  
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 the sole criterion for assessing the potential fire hazard of the product in use

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( END OF REPORT )

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APPROVED SIGNATORY

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