

\*\*\* AWTA TEXTILE TESTING \*\*\*  
REFERENCE SAMPLE

AWTA PROJECT NO : 169493.4-BV  
CLIENT: WARWICK FABRICS AUST PTY LTD  
CLIENT ORDER: SAMPLE:



# 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 : WARWICK FABRICS AUST PTY LTD  
6-10 SACKVILLE STREET  
COLLINGWOOD VIC 3066

TEST NUMBER : 7-561276-BV  
DATE : 30/07/2008

SAMPLE DESCRIPTION Nom: Milano - Mocha  
Woven fabric  
Colour: Black/brown  
Approx thickness: 1mm  
Enduse: upholstery

THESE RESULTS MUST BE CONSIDERED IN CONJUNCTION  
WITH THE COMMENTS ON THE FOLLOWING PAGE(S)

Material Specification provided by client:  
Nominal composition: 83% polyester 17% acrylic  
Nominal mass: 510g/m<sup>2</sup>

AS/NZS 1530.3 - 1999 Simultaneous determination of Ignitability, Flame  
Propagation, Heat Release and Smoke Release

### RESULTS:

Face tested: Face

Date tested: 27/07/2008

	Mean		Standard Error
Ignition time	9.18	min	0.11
Flame propagation time	26.6	s	1.9
Heat release integral	112.4	kJ/m <sup>2</sup>	1.7
Smoke release, log d	-0.6842		0.0173
Optical density, d	0.2082	/m	

Number of specimens ignited: 9

Number of specimens tested: 9

REGULATORY INDICES:	Ignitability Index	11	Range 0-20
	Spread of Flame Index	8	Range 0-10
	Heat Evolved Index	4	Range 0-10
	Smoke Developed Index	5	Range 0-10

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This Laboratory is accredited by the National Association of Testing Authorities, Australia, for:  
- 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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### Comments:

These results only apply to the specimen mounted, as described in this report.

The results of this fire test may be used to directly assess fire hazard, but it should be recognized that a single test method will not provide a full assessment of fire hazard under all fire conditions.

The reaction of thin unsupported flexible materials to flame impingement can be assessed in accordance with AS 1530.2. Where materials of thickness less than 2mm that are sufficiently flexible to be bent by hand around a mandrel of 2mm diameter or less are subjected to the test described herein, they should also be subjected to the test in AS 1530.2.

Each test specimen had an unattached backing of 4.5mm thick fibre reinforced cement board.

Each test specimen was restrained on the exposed face by a layer of galvanised welded square mesh made from wire of nominal diameter 0.8mm and nominal spacing 12mm in both directions and securely fixed to a backing board at four points each 100mm from the centre of the sample and the assembly clamped in four places.

The specimens melted and flowed away from the area of maximum heat during the test. Due to this phenomena, it should be recognised that this test result may not be a true indication of the product's fire hazard properties.

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0204/11/06

APPROVED SIGNATORY

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