AWTA TEXTILE TESTING

Australian Wool Testing Authority Ltd – trading as AWTA Textile Testing
A.B.N. 43 006 014 106
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P.O. Box 240, North Melbourne, Victoria 3051
Phone (03) 9371 2400 Fax (03) 9371 2499

(D)

400 (GSM)

TEST REPORT

CLIENT : SPECIALTY THEATRE SUPPLIES
40 TENNYSON STREET
WILLIAMSTOWN VIC 3016

TEST NUMBER : 7-548150-BV
DATE : 25/09/2006
ORDER NUMBER : 00004808

SAMPLE DESCRIPTION Woven fabric
Colour: Black
Approx. thickness: 1mm
End use: drapes

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

Material Specification provided by client:
Nominal composition: Wool
Nominal mass: 400g/m2

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

RESULTS: Face tested: Both

	Mean		Standard Error
Ignition time	Nil	min	Nil
Flame propagation time	Nil	s	Nil
Heat release integral	Nil	kJ/m2	Nil
Smoke release, log d	-1.0469		0.0429
Optical density, d	0.0919	/m	

Number of specimens ignited: 0

Number of specimens tested: 6

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

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.

NATA

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

The tests reported herein have been performed in accordance with its terms of accreditation. Samples, and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Textile Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved in advance by the Managing Director of AWTA Ltd.

AWTA LIMITED

0204/5/05

APPROVED SIGNATORY

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

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Ignition is initiated by a pilot flame that is held near, but does not touch the specimen. A material that does not ignite during the standard test may ignite if contacted with a pilot flame during the test.

Each test specimen was sandwiched between two layers of galvanised welded square mesh made from wire of nominal diameter 0.8mm and nominal spacing 12mm in both directions and the assembly clamped in four places.

To allow free movement of sample during testing all corners were folded away from the clamps.

AS 1530.2-1993 Test for Flammability of Materials

DATE TESTED: 25.09.2006

Flammability Index: 7 Range 0 - 100 for most material

		Length	Width	
Spread Factor: Range 0 - 40		6	6	
Heat Factor: Range 0 - upward		1	1	
Maximum height (d)	mean	5.6	5.5	
	cv	8.8	8.1	%
Time (t)	mean	N/A	N/A	s
	cv	N/A	N/A	%
Heat (a)	mean	2.2	2.1	degC min
	cv	12.2	11.9	%
No of specimens tested		6	6	

These test results relate only to the behaviour of the test specimens of the material under the particular conditions of the test, and they are not intended to be the sole criterion for assessing the potential fire hazard of the material in use

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