

AWTA TEXTILE TESTING

Australian Wool Testing Authority Ltd – trading as AWTA Textile Testing
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1st Floor, 191 Racecourse Road, Flemington, Victoria 3031
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Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

CLIENT : **EXTREME MARQUEES**
100 PICKERING STREET
ENOGGERA QLD 4051

TEST NUMBER : 7-553487-AQ
DATE : 11/07/2007

SAMPLE DESCRIPTION Coated woven fabric
Colour: green End use: marquees
Approximate mass: 594g/m² Approximate thickness: 0.2mm

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

Material Specification provided by client:
Nominal composition: polyester yarns, PVC coated

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

RESULTS: Face tested: Both

Date tested: 25.06.2007

	Mean	min	Standard Error
Ignition time	3.32	s	0.04
Flame propagation time	13.7	s	1.3
Heat release integral	129.7	kJ/m ²	4.1
Smoke release, log d	0.2750		0.0074
Optical density, d	1.8851	/m	

Number of specimens ignited: 6

Number of specimens tested: 6

REGULATORY INDICES: Ignitability Index 17 Range 0-20
Spread of Flame Index 9 Range 0-10
Heat Evolved Index 5 Range 0-10
Smoke Developed Index 8 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.

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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.

The specimens were mounted to simulate use in an unsupported or free hanging mode. The results may be significantly different when mounted to simulate a wall cladding or upholstery application.

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

Each test specimen was sandwiched between two layers of galvanised welded square mesh made from wire of nominal diameter 0.8mm and nominal spacing of 12mm in both directions, stapled through at four points, each 100mm from the centre of the sample and the assembly clamped in four places.

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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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APPROVED SIGNATORY


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