

# 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 : EXTREME MARQUEES  
PO BOX 611  
ALDERLEY QLD 4051

TEST NUMBER : 7-586169-BQ  
ISSUE DATE : 20/07/2012  
PRINT DATE : 20/07/2012

SAMPLE DESCRIPTION Clients Ref: "Inflatable Marquees"  
Coated woven fabric  
Colour: White  
Approx thickness: 1mm  
Weight: 695 g/m<sup>2</sup>  
End use: Marquees

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

Material Specification provided by client:  
Nominal composition: PVC

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

RESULTS:

Face tested: Face

Date tested: 19/07/2012

	Mean		Standard Error
Ignition time	3.48	min	0.15
Flame propagation time	19.2	s	2.4
Heat release integral	144.0	kJ/m <sup>2</sup>	2.2
Smoke release, log d	0.5034		0.0065
Optical density, d	3.1888	/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 9 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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-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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MICHAEL A. JACKSON B.Sc.(Hons)  
MANAGING DIRECTOR

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Specimens tended to flash before ignition. Ignition was based on the occurrence of a single flash of flame which lasted longer than 10 seconds.

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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( END OF REPORT )

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