

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 : MOKUM TEXTILES PTY LTD
SUITE 308, LEVEL 3
19A BOUNDARY STREET
DARLINGHURST NSW 2010

TEST NUMBER : 7-583864-MN
ISSUE DATE : 07/03/2012
PRINT DATE : 07/03/2012
ORDER NUMBER : So-Reef

SAMPLE DESCRIPTION Clients Ref: "Reef"
Woven fabric
Colour: Beige
Approx thickness: 1mm
End Use: Upholstery

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

Material Specification provided by client:
Nominal composition: 100% Polyolefin
Nominal mass: 500g/m²

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

RESULTS:

Face tested: Face

Date tested: 06/03/2012

	Mean		Standard Error
Ignition time	10.10	min	0.23
Flame propagation time	Nil	s	Nil
Heat release integral	27.5	kJ/m ²	4.4
Smoke release, log d	-0.8045		0.0525
Optical density, d	0.1614	/m	

For 7 samples which ignited -
Smoke release (log d) Mean: -0.8045
Standard Error: 0.0525

For 7 samples which did not ignite -
Smoke release (log d) Mean: -0.8601
Standard Error: 0.0000

Number of specimens tested: 9

REGULATORY INDICES:

Ignitability Index	10	Range 0-20
Spread of Flame Index	0	Range 0-10
Heat Evolved Index	1	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.

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

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.

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.

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(END OF REPORT)

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