

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 : 7-579951-BN
ISSUE DATE : 26/07/2011
PRINT DATE : 26/07/2011

SAMPLE DESCRIPTION Clients Ref: "Esplanade"
Woven fabric
Colour: Brown
Approx thickness: 2mm
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% Polypropylene
Nominal mass: 521g/m²

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

RESULTS: Face tested: Face
Date tested: 25/07/2011

	Mean		Standard Error
Ignition time	7.94	min	0.40
Flame propagation time	Nil	s	Nil
Heat release integral	56.6	kJ/m ²	4.1
Smoke release, log d	-1.1151		0.0751
Optical density, d	0.0853	/m	

Number of specimens ignited: 9

Number of specimens tested: 9

REGULATORY INDICES: Ignitability Index 12 Range 0-20
Spread of Flame Index 0 Range 0-10
Heat Evolved Index 2 Range 0-10
Smoke Developed Index 4 Range 0-10

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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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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.

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

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

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.

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

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(END OF REPORT)

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