

AWTA PRODUCT TESTING

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing
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TEST REPORT

CLIENT : AT WORK
CNR EARLE AND BATH STREETS
PARNELL AUCKLAND
NEW ZEALAND

TEST NUMBER : 7-579989-BO
ISSUE DATE : 27/02/2016
PRINT DATE : 27/02/2016

SAMPLE DESCRIPTION Clients Ref: ORIGIN
Woven felted fabric
Colour: (Green)
End Use: Upholstery
Thickness: Approx. 2mm

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

Material Specification provided by client:
Nominal Composition: 100% Wool
Nominal Mass: 600g/lin.m

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

RESULTS:

Face tested: Face

Date tested: 26/07/2011

	Mean	Standard Error
Ignition time	12.02 min	0.44
Flame propagation time	Nil s	Nil
Heat release integral	14.1 kJ/m2	1.6
Smoke release, log d	-1.3102	0.0256
Optical density, d	0.0539 /m	

For 1 samples which ignited -

Smoke release (log d)	Mean:	-1.3102
	Standard Error:	0.0256

For 8 samples which did not ignite -

Smoke release (log d)	Mean:	-1.2682
	Standard Error:	0.0000

REGULATORY INDICES:	Ignitability Index	8	Range 0-20
	Spread of Flame Index	0	Range 0-10
	Heat Evolved Index	0	Range 0-10
	Smoke Developed Index	3	Range 0-10

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1

CONTINUED NEXT PAGE

PAGE 1

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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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APPROVED SIGNATORY

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

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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.

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.

188989

1

(END OF REPORT)

PAGE 2

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