

# 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 : MATERIALISED PTY LTD  
19 HEATH ROAD  
BLAKEHURST NSW 2221

TEST NUMBER : 7-571454-BN  
ISSUE DATE : 11/03/2010  
PRINT DATE : 11/03/2010  
ORDER NUMBER : 17447

SAMPLE DESCRIPTION Clients Ref: "Base Cloth"  
Diamond weave fabric  
Colour: Natural  
End Use: Bedspreads

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

Material Specification provided by client:  
Nominal composition: 100% Polyester  
Nominal mass: 282g/m<sup>2</sup>

AS/NZS  
1530.3 - 1999

Simultaneous determination of Ignitability, Flame  
Propagation, Heat Release and Smoke Release

### RESULTS:

Face tested: Face

Date tested: 11/03/2010

	Mean		Standard Error
Ignition time	10.82	min	0.15
Flame propagation time	Nil	s	Nil
Heat release integral	49.9	kJ/m <sup>2</sup>	1.9
Smoke release, log d	-0.8062		0.0117
Optical density, d	0.1565	/m	

Number of specimens ignited: 6

Number of specimens tested: 6

REGULATORY INDICES:	Ignitability Index	9	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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- 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.

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

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.

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( END OF REPORT )

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