AWTA TEXTILE TESTING

Australian Wool Testing Authority Ltd - trading as AWTA Textile Testing A.B.N. 43 006 014 106

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TEST REPORT

CLIENT : MATERIALISED PTY LTD

19 HEATH ROAD

BLAKEHURST NSW 2221

TEST NUMBER

7-535621-BN

DATE

: 22/04/2005

ORDER NUMBER : NT857

SAMPLE DESCRIPTION Clients Ref: Mesh fabric

Colour: White

Approx. Thickness: 1mm

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

Material Specification provided by client:

Nominal Composition: 100% polyester

Approx. Mass: 204g/m2

AS/NZS

1530.3 - 1999

Simultaneous determination of Ignitability, Flame

Propagation, Heat Release and Smoke Release

RESULTS:

Face tested: Face

			Mean	S	tandard	Error
Ignition time	李髓 的复数多数	新新年 (10.00mm) 新新年 (10.00mm)	Ni1	min	Nil	
Flame propaga	tion time		Nil-	S	Nil	
Heat release	integral		Ni1	kJ/m2	Ni1	1841623
Smoke release			Nil		N17	
Optical densi			Nil	/m		
	CĪĀJĀŠĒ		\$ 748 X t			

Number of specimens ignited:

Number of specimens tested:

REGULATORY INDICES:

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71	ЦОЭ	+ T	T-7-	2200	100	. A	200		P 2	3.3	1. 5.	3. 4	- 33	6 O	9 20	- 12 G	1.00	. 35. 9		8.3	200	A 40 40	2.0
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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. 143347

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This Laboratory is accredited by the National Association of Testing Authorities, Australia, for:

- Chemical Testing of Textiles & Related Products

Mechanical Testing of Textiles & Related Products - Heat & Temperature Measurement

Accreditation No. 983 Accreditation No. 1356

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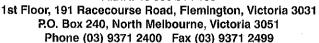
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JACKSON B.Sc.(Hons) MANAGING DIRECTOR

0204/7/04

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The reaction of thin unsupported flexible materials to flame impingement can be assessed in accordance with AS 1530.2. Where materials of thickness less than 2mm that are sufficiently flexible to be bent by hand around a mandrel of 2mm diameter or less are subjected to the test described herein, they should also be subjected to the test in AS 1530.2.

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.

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 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.

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

Smoke Developed Index is reported as 0-1 due to the inability of the smoke measurement equipment to resolve an index of zero.

143345

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JACKSON B.Sc.(Hons)