

# AWTA TEXTILE TESTING

RECEIVED  
21 FEB 2007

Australian Wool Testing Authority Ltd - trading as AWTa Textile 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

BY: 

## TEST REPORT

CLIENT : MATERIALISED PTY LTD  
19 HEATH ROAD  
BLAKEHURST NSW 2221

TEST NUMBER : 7-550711-MN  
DATE : 19/02/2007  
ORDER NUMBER : NT1342

SAMPLE DESCRIPTION Clients Ref: "Sheer"  
White woven fabric  
Nom: 100% polyester FR 75g/m2 approx.

AS 1530.2-1993

Test for Flammability of Materials

DATE TESTED:

Flammability Index: 1 Range 0 - 100 for most material

16/02/2007

	Length	Width	
Spread Factor: Range 0 - 40	0	0	
Heat Factor: Range 0 - upward	1	1	
Maximum height (d) mean	0.5	0.5	
cv	0.0	0.0	%
Time (t) mean	N/A	N/A	s
cv	N/A	N/A	%
Heat (a) mean	1.5	1.5	degC min
cv	0.0	0.0	%
No of specimens tested	6	6	

These test results relate only to the behaviour of the test specimens of the material under the particular conditions of the test, and they are not intended to be the sole criterion for assessing the potential fire hazard of the material in use

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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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JB  
DRA

26 Robertson Street, Kensington, Victoria 3031  
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Australian Wool Testing Authority Ltd — A.C.N. 006 014 106  
trading as AWTA Textile Testing

24 NOV 1994

## TEST REPORT\*

CLIENT : MATERIALISED PTY LTD

TEST NUMBER : 7-453272-BN  
DATE : 18.11.94  
ORDER NUMBER : 1090

SAMPLE DESCRIPTION CLIENTS REF: DRA  
SHEER WOVEN DRAPERY FABRIC  
COLOUR: IVORY  
APPROX MASS: 76g/m2

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

MATERIAL SPECIFICATION PROVIDED BY CLIENT:  
NOMINAL COMPOSITION: 100% POLYESTER

AS 1530.3.1989 SIMULTANEOUS DETERMINATION OF IGNITABILITY, FLAME  
AMDT NO 1 APR 92 PROPAGATION, HEAT RELEASE AND SMOKE RELEASE.  
RESULTS:

	MEAN	STANDARD ERROR
IGNITION TIME	NIL min	NIL
FLAME PROPAGATION TIME	NIL s	NIL
HEAT RELEASE INTEGRAL	NIL kJ/m2	NIL
SMOKE RELEASE, LOG D	NIL	NIL
OPTICAL DENSITY, D	NIL /m	

NUMBER OF SPECIMENS IGNITED: 0  
NUMBER OF SPECIMENS TESTED: 6

REGULATORY INDICES:	IGNITABILITY INDEX	0	RANGE 0-20
	SPREAD OF FLAME INDEX	0	RANGE 0-10
	HEAT EVOLVED INDEX	0	RANGE 0-10
	SMOKE DEVELOPED INDEX	0-1	RANGE 0-10

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### CHARGES

TESTING \$842.00

TOTAL \$842.00

*Lenore Koller*

AUTHORISED SIGNATORY

D.J. WARD B.Sc., M.A.I.A.S.  
MANAGING DIRECTOR

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## TEST REPORT\*

CLIENT : MATERIALISED PTY LTD

TEST NUMBER : 7-453272-69  
DATE : 18.11.94  
ORDER NUMBER : 1090

### COMMENTS:

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 WAS SANDWICHED BETWEEN TWO LAYERS OF GALVANISED WELDED SQUARE MESH MADE FROM WIRE OF NOMINAL DIAMETER 0.8mm AND NOMINAL SPACING 12mm IN BOTH DIRECTIONS AND THE ASSEMBLY CLAMPED IN FOUR PLACES.

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.

THE SPECIMENS WERE MOUNTED TO SIMULATE USE IN AN UNSUPPORTED OR FREE HANGING MODE. THE RESULTS MAY BE SIGNIFICANTLY DIFFERENT WHEN MOUNTED TO SIMULATE A WALL CLADDING OR UPHOLSTERY APPLICATION.

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CLIENT : MATERIALISED PTY LTD

TEST NUMBER : 7-453272-EN  
DATE : 18.11.94  
ORDER NUMBER : 1090

SMOKE DEVELOPED INDEX IS REPORTED AS 0-1 DUE TO THE INABILITY  
OF THE SMOKE MEASUREMENT EQUIPMENT TO RESOLVE AN INDEX OF ZERO.

SUBMITTED SAMPLE IS NOT SUITABLE FOR EVALUATION BY AS 1530.2-1993 AS THE  
SAMPLE MELTED AWAY FROM THE IGNITION SOURCE. (AS 1530.2-1993 SECTION 1.1)

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