

AWTA TEXTILE TESTING

Australian Wool Testing Authority Ltd - trading as AWTA Textile Testing
A.C.N. 006 014 106 A.B.N. 43 006 014 106
26 Robertson Street, Kensington, Victoria 3031
P.O. Box 240, North Melbourne, Victoria 3051
Phone (03) 9371 2126 Fax (03) 9371 2102

TEST REPORT

CLIENT : NOLAN WAREHOUSES
464 GARDENERS ROAD
ALEXANDRIA NSW 2015

TEST NUMBER : 7-496679-CN
DATE : 05/12/2000

SAMPLE DESCRIPTION

CLIENTS REF: "ROLLCLEAR"
FLEXIBLE FILM SHEETING
COLOUR: CLEAR
APPROX MASS: 1kg/m²
ENDUSE: ROLL UP BLINDS, SCREENS
NOMINAL WIDTH: 137cm

AS 1530.2-1993

TEST FOR FLAMMABILITY OF MATERIALS

DATE TESTED:
05/12/2000

FLAMMABILITY INDEX: 3 RANGE 0 - 100 FOR MOST MATERIALS

		LENGTH	WIDTH
SPREAD FACTOR: RANGE 0 - 40		1	2
HEAT FACTOR: RANGE 0 - UPWARD		1	1
MAXIMUM HEIGHT (D) MEAN		3.4	3.9
	CV	6.0 %	9.6 %
TIME (T) MEAN		N/A	N/A
	CV	N/A	N/A
HEAT (A) MEAN		2.2degCmin	2.3degCmin
	CV	12.2 %	11.1 %
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

The tests reported herein have been performed in accordance with its terms of accreditation. Samples, and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Textile Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved in advance by the Managing Director of AWTA Ltd.



D. J. Ward
AUTHORISED SIGNATORY

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

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TEST REPORT

CLIENT : NOLAN O ROURKE & CO PTY LTD
464 GARDENERS ROAD
ALEXANDRIA NSW 2015

TEST NUMBER : 7-468894-CN
DATE : 02.06.97

SAMPLE DESCRIPTION CLIENTS REF: ROLL CLEAR F.R
PVC PLASTIC SHEETING
COLOURS TESTED: CLEAR AND GREEN

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

MATERIAL SPECIFICATION PROVIDED BY CLIENT:

NOM COMPOSITION: CALENDERED PVC WITH FLAME RETARDANTS ADDED
NOM THICKNESS: 0.35mm

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/m ²	NIL
SMOKE RELEASE, LOG D	-0.5098		0.0604
OPTICAL DENSITY, D	0.3230	/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	6	RANGE 0-10

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CHARGES

TESTING \$599.00

TOTAL \$599.00

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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.

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.

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 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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