

AWTA TEXTILE TESTING

Australian Wool Testing Authority Ltd – trading as AWTA Textile Testing

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 : KVADRAT A/S
8400 EBELTOFT
DANMARK

TEST NUMBER : 7-501675-BO
DATE : 25/06/2001

SAMPLE DESCRIPTION CLIENTS REF: DIVINA
MILLED FABRIC
COLOUR: GREY
APPROX THICKNESS: 2mm
APPROX MASS: 560g/m²

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

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

AS/NZS
1530.3 - 1999
RESULTS:

SIMULTANEOUS DETERMINATION OF IGNITABILITY, FLAME
PROPAGATION, HEAT RELEASE AND SMOKE RELEASE.

	MEAN		STANDARD ERROR
IGNITION TIME	3.82	min	0.15
FLAME PROPAGATION TIME	NIL	s	NIL
HEAT RELEASE INTEGRAL	4.5	kJ/m ²	1.0
SMOKE RELEASE, LOG D	-1.3812		0.0789
OPTICAL DENSITY, D	0.0450	/m	

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

REGULATORY
INDICES:

IGNITABILITY INDEX	16	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

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.

108609

1

(CONTINUED NEXT PAGE)

PAGE 1

© Australian Wool Testing Authority Ltd
Copyright - All Rights Reserved



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.
Managing Director of AWTA Ltd.



0204/5/01

Dr Carroll
APPROVED SIGNATORY

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

AWTA TEXTILE TESTING

Australian Wool Testing Authority Ltd – trading as AWTA Textile Testing

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 : KVADRAT A/S
8400 EBELTOFT
DANMARK

TEST NUMBER : 7-501675-BO
DATE : 25/06/2001

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.

EACH TEST SPECIMEN HAD AN UNATTACHED BACKING OF 4.5mm THICK FIBRE REINFORCED CEMENT BOARD.

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 THE ASSEMBLY CLAMPED IN FOUR PLACES.

TO ALLOW FREE MOVEMENT OF SAMPLE DURING TESTING ALL CORNERS WERE FOLDED AWAY FROM THE CLAMPS.

108609

PAGE 2

© Australian Wool Testing Authority Ltd
Copyright - All Rights Reserved



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.



0204/5/01

Dr Carroll
APPROVED SIGNATORY

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