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 : 7-501686-BO

DATE

: 25/06/2001

SAMPLE DESCRIPTION CLIENTS REF: HALLINGDAL

WOVEN FABRIC COLOUR: BLUE

APPROX THICKNESS: 2mm APPROX MASS: 630g/m2

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

MATERIAL SPECIFICATION PROVIDED BY CLIENT: NOMINAL COMPOSITION: 70% WOOL 30% VISCOSE

AS/NZS 1530.3 - 1999

RESULTS:

SIMULTANEOUS DETERMINATION OF IGNITABILITY, FLAME

PROPAGATION, HEAT RELEASE AND SMOKE RELEASE.

MEAN STANDARD ERROR IGNITION TIME 8.37 min 1.46 FLAME PROPAGATION TIME NIL NIL S kJ/m2 HEAT RELEASE INTEGRAL 23.6 6.1 SMOKE RELEASE, LOG D -1.21310.0691

OPTICAL DENSITY, D 0.0671 /m

NUMBER OF SPECIMENS IGNITED: NUMBER OF SPECIMENS TESTED: 9

IGNITABILITY INDEX RANGE 0-20 12 REGULATORY 0 RANGE 0-10 SPREAD OF FLAME INDEX INDICES: RANGE 0-10 HEAT EVOLVED INDEX 0 4 RANGE 0-10 SMOKE DEVELOPED INDEX

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.

108613

1

(CONTINUED NEXT PAGE)

PAGE

1

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Chemical Testing of Textiles & Related Products
Mechanical Testing of Textiles & Related Products

983 Accreditation No. Accreditation No. 1356

- Heat & Temperature Measurement 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

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JACKSON B.Sc. (Hons)

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TEST REPORT

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8400 EBELTOFT

DANMARK

TEST NUMBER : 7-501686-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.

INCONSISTENT IGNITABILITY WAS OBSERVED. FOUR SPECIMENS IGNITED EARLY IN THE TEST AND FIVE SPECIMENS IGNITED LATE IN THE TEST. THE REPORTED VALUE IS BASED ON THE MEAN OF THESE RESULTS

108613

PAGE 2

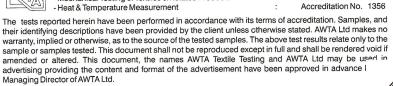
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