WTA Product Testing

Australian Wool Testing Authority Ltd - trading as AWTA Product 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

TEST REPORT

CLIENT: Materialised TEST NUMBER : 7-589582-BV

: 05/03/2013 : 05/03/2013 ISSUE DATE PRINT DATE

Clients Ref: "Cavalry" SAMPLE DESCRIPTION

Woven fabric

End Use: Banners & Advertising materials Colour: White

Approx thickness: 1mm

End Use: Banners & Advertising materials

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

Material Specification provided by client: Nominal composition: 100% Polyester

Nominal mass: 200g/m2

Simultaneous determination of Ignitability, Flame 1530.3 - 1999

Propagation, Heat Release and Smoke Release

RESULTS: Face tested: Face

Date tested: 04/03/2013

Mean Standard Error

Ignition time Nil min Nil Flame propagation time Heat release integral Smoke release, log d Nil Nil S kJ/m2 Nil NIL -1.7209 0.0183

0.0191 /m Optical density, d

0 Number of specimens ignited:

Number of specimens tested: 6

REGULATORY INDICES: Ignitability Index 0 Range 0-20

Spread of Flame Index Range 0-10 0 Range 0-10 Heat Evolved Index Smoke Developed Index Range 0-10

199122E CONTINUED NEXT PAGE PAGE 1

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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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HAPL A. JACKSON B.Sc.(Hons)

LIMITED

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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.

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 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.

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

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.

199122E

END OF REPORT)

PAGE 2

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A. JACKSON B.Sc.(Hons)

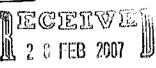
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WTA TEXTILE TESTING

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TEST REPORT

CLIENT

MATERIALISED PTY LTD

19 HEATH ROAD

BLAKEHURST NSW 2221

7-550710-MN TEST NUMBER 23/02/2007

NT1341 ORDER NUMBER :

SAMPLE DESCRIPTION

Clients ref: "Cavalry White woven fabric Nom: 100% polyester Approx. 190g/m2

Enduse: Drapery

AS 1530.2-1993

Test for Flammability of Materials

DATE TESTED:

Range 0 - 100 for most material Flammability Index: 1

15/02/2007

Width Length

Spread Factor: Range 0 - 40 Heat Factor: Range 0 - upward Maximum height (d) mean 0.00.0 mean Time (t) N/A CV

degC min mean Heat (a) 0.0

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

158858

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Accreditation No. Chemical Testing of Textiles & Related Products
 Mechanical Testing of Textiles & Related Products

- Heat & Temperature Measurement

Accreditation No. 1356

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> JACKSON B.Sc.(Hons) AMAGING DIRECTOR

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TEST REPORT

CLIENT

MATERIALISED PTY LTD

19 HEATH ROAD BLAKEHURST NSW 2221

TEST NUMBER

Length

-550710-MN

23/02/2007 NT1341 ORDER NUMBER

Width

SAMPLE DESCRIPTION

Clients ref: "Cavalr White woven Fabric Nom: 100% polyester Approx. 190g/m2 "Cavalry

Enduse: Drapery

AS 1530.2-1993

Test for Flammability of Materials

DATE TESTED:

Flammability Index: 1 Range 0 - 100 for most material

15/02/2007

Spread Factor: Range 0 - 40 Heat Factor: Range 0 - upward Maximum height (d) mean

0.00.0 CV N/A N/A mean Time (t) CV degC min Heat (a) mean CV 6

No of specimens tested 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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