

AWTA PRODUCT TESTING

Australian Wool Testing Authority Ltd – trading as AWTA Product Testing
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P.O. Box 240, North Melbourne, Victoria 3051
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- 3 SEP 2010

TEST REPORT

CLIENT : TEXTILE MANIA PL
560 SWAN STREET
RICHMOND VIC 3121

TEST NUMBER : 7-574443-BV
ISSUE DATE : 25/08/2010
PRINT DATE : 27/08/2010
ORDER NUMBER : 19844

SAMPLE DESCRIPTION Clients Ref: "#9824" *DYNAMIC*
Jacquard woven fabric
Colour: Brown/Taupe
Approx thickness: 1mm
End Use: Upholstery

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

Material Specification provided by client:
Nominal composition: 85% Wool 15% Nylon
Nominal mass: 290g/m²

AS/NZS Simultaneous determination of Ignitability, Flame
1530.3 - 1999 Propagation, Heat Release and Smoke Release

RESULTS:

Face tested: Face

Date tested: 24.08.2010

| | 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 | -1.4063 | | 0.0286 |
| Optical density, d | 0.0397 | /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 | 3 | Range 0-10 |

183006

1

(CONTINUED NEXT PAGE)

PAGE 1

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- Chemical Testing of Textiles & Related Products : Accreditation No. 983
- Mechanical Testing of Textiles & Related Products : Accreditation No. 985
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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.

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.

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.

183006

(END OF REPORT)

PAGE 2

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