

# AWTA 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  
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Phone (03) 9371 2400 Fax (03) 9371 2499

## TEST REPORT

CLIENT : BRU TEXTILES NV  
SATENROZEN 2A  
B-2550 KONTICH  
BELGIUM

TEST NUMBER : 7-559254-BO  
DATE : 08/07/2008

SAMPLE DESCRIPTION Clients Ref: "Durable"  
Coated knitted fabric  
Colour: black  
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% PVC 15% cotton  
Nominal mass: 830g/m<sup>2</sup>

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

### RESULTS:

Face tested: Face

Date tested: 09/04/2008

|                        | Mean    |                   | Standard Error |
|------------------------|---------|-------------------|----------------|
| Ignition time          | 6.48    | min               | 0.52           |
| Flame propagation time | Nil     | s                 | Nil            |
| Heat release integral  | 15.3    | kJ/m <sup>2</sup> | 2.9            |
| Smoke release, log d   | -0.1285 |                   | 0.0417         |
| Optical density, d     | 0.6385  | /m                |                |

For 7 samples which ignited -

Smoke release (log d) Mean: -0.1285  
Standard Error: 0.0417

For 2 samples which did not ignite -

Smoke release (log d) Mean: -0.1991  
Standard Error: 0.0000

Number of specimens tested: 9

| REGULATORY INDICES:   |    |  |            |
|-----------------------|----|--|------------|
| Ignitability Index    | 14 |  | Range 0-20 |
| Spread of Flame Index | 0  |  | Range 0-10 |
| Heat Evolved Index    | 0  |  | Range 0-10 |
| Smoke Developed Index | 7  |  | Range 0-10 |

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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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0204/11/06

APPROVED SIGNATORY

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

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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.

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 securely fixed to a backing board at four points each 100mm from the centre of the sample and the assembly clamped in four places.

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

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.

Specimens tended to flash before ignition. Ignition was based on the occurrence of a single flash of flame which lasted longer than 10 seconds.

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