

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 : FILIGREE TEXTILES PTY LTD
150 VICTORIA STREET
NORTH GEELONG VIC 3215

TEST NUMBER : 7-526189-BV
DATE : 22/03/2004

SAMPLE DESCRIPTION Clients Ref: Billica, Opulence (texturised) El Dorado,
New Majestic, Sovereign
Five lace/sheer curtaining fabrics
Colour: white Approx. Thickness: 1mm

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

Material Specification provided by client:

Nominal Composition: 100% polyester stiffened with 100% by weight of stiffening agent

Nominal Mass: Billica 270g/m², Opulence 270g/m², El Dorado 278g/m²,
New Majestic 278g/m², Sovereign 313g/m²

AS/NZS
1530.3 - 1999

Simultaneous determination of Ignitability, Flame
Propagation, Heat Release and Smoke Release

RESULTS:

Face tested: Both Sides

	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	Nil	Nil
Optical density, d	Nil /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	0-1	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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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.

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.

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.

Smoke Developed Index is reported as 0-1 due to the inability of the smoke measurement equipment to resolve an index of zero.

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

The specimens melted and flowed away from the area of maximum heat during the test. Due to this phenomena, it should be recognised that this test result may not be a true indication of the product's fire hazard properties.

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