AWTA PRODUCT TESTING

Australian Wool Testing Authority Ltd – trading as AWTA Product Testing
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Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

CLIENT : MERMET AUSTRALIA PTY LTD
67 FRANKSTON GARDENS DRIVE
CARRUM DOWNS VIC 3201

TEST NUMBER : 7-590355-BV
ISSUE DATE : 19/04/2013
PRINT DATE : 19/04/2013

SAMPLE DESCRIPTION Clients Ref: "E-Screen 5% with Koolblack Technology"
Woven coated fabric Colour: Black
Nom Mass: 359 g/m2
Nom Comp: 36% Fibreglass, 64% PVC
End Use: Internal window covering (Blinds)

AS 1530.2-1993 Test for Flammability of Materials

DATE TESTED: Flammability Index: 6 Range 0 - 100 for most material

18/04/2013

		Length	Width	
Spread Factor: Range 0 - 40		5	5	
Heat Factor: Range 0 - upward		1	1	
Maximum height (d)	mean	5.4	5.4	
	cv	14.1	3.8	%
Time (t)	mean	N/A	N/A	s
	cv	N/A	N/A	%
Heat (a)	mean	3.1	5.3	degC min
	cv	48.0	18.8	%
No of specimens tested		9	6	

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

199668 1 (END OF REPORT) 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

AWTA LIMITED

0204/11/06

APPROVED SIGNATORY

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

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TEST REPORT

CLIENT : MERMET AUSTRALIA PTY LTD
67 FRANKSTON GARDENS DRIVE
CARRUM DOWNS VIC 3201

TEST NUMBER : 7-590200-BV
ISSUE DATE : 16/04/2013
PRINT DATE : 16/04/2013

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.

199667 (END OF REPORT)

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MANAGING DIRECTOR