

AWTA TEXTILE TESTING

Australian Wool Testing Authority Ltd - trading as AWTA Textile 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 : POLYPAB AUSTRALIA PTY LTD
63 FRANKSTON GARDENS DRIVE
CARRUM DOWNS VIC 3201

TEST NUMBER : 7-551818-BV
DATE : 17/04/2007

SAMPLE DESCRIPTION Clients Ref: "Poly FX"
Knitted shade cloth
Colour: various

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

Material Specification provided by client:
Nominal composition: HDPE monofilament and tape
Nominal mass: 230g/m²
Nominal thickness: 2mm

AS/NZS
1530.3 - 1999

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

RESULTS:

Face tested: Both

Date tested: 12/04/2007

	Mean	Standard Error
Ignition time	4.91 min	0.19
Flame propagation time	29.2 s	3.6
Heat release integral	68.8 kJ/m ²	3.9
Smoke release, log d	-0.9383	0.0209
Optical density, d	0.1159 /m	

Number of specimens ignited: 6

Number of specimens tested: 6

REGULATORY INDICES:		
Ignitability Index	15	Range 0-20
Spread of Flame Index	8	Range 0-10
Heat Evolved Index	2	Range 0-10
Smoke Developed Index	4	Range 0-10

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- Chemical Testing of Textiles & Related Products : Accreditation No. 983
- Mechanical Testing of Textiles & Related Products : Accreditation No. 985
- Heat & Temperature Measurement : Accreditation No. 1356

The tests reported herein have been performed in accordance with its terms of accreditation. Samples, and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Textile Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved in advance by the Managing Director of AWTA Ltd.



0204/5/05

APPROVED SIGNATORY

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

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TEST NUMBER : 7-551818-BV
DATE : 17/04/2007

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 specimens melted away from the area of maximum heat and produced flaming droplets 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.

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.

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0204/5/05

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Michael Jackson
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MANAGING DIRECTOR

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TEST NUMBER : 7-551818-BV
DATE : 17/04/2007

AS 1530.2-1993

Test for Flammability of Materials

DATE TESTED:

Flammability Index: 1 Range 0 - 100 for most material

17.4.2007

Spread Factor: Range 0 - 40	0	0		
Heat Factor: Range 0 - upward	1	1		
		Length	Width	
Maximum height (d) mean	1.1	18.8	2.5	
cv		17.9		%
Time (t) mean	N/A	N/A	N/A	s
cv				%
Heat (a) mean	1.6	1.6		degC min
cv	12.9	15.5		%
No of specimens tested	6	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

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