

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

P.O Box 240, North Melbourne, Victoria 3051

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

TEST REPORT

Client : Materialised Pty Ltd
19 Heath Road
Blakehurst NSW 2221

Test Number : 16-004298
Issue Date : 16/08/2016
Print Date : 16/08/2016

Sample Description Clients Ref : "Bento/Kink"
Woven fabric
Colour : Lime Twist
End Use : Drapery
Nominal Composition : Polyester/FR Polyester
Nominal Mass per Unit Area/Density : 210g/m2

AS 1530.2-1993

**Methods for Fire Tests on Building Materials, Components and Structures.
Part 2: Test for Flammability of Materials**

Date Tested	16/08/2016	
Flammability Index	1	
	Length	Width
Spread Factor	0	0
Heat Factor	1	1
Maximum height (d)		
Mean	1.9	2.3
Coefficient of Variation	10.6	12.2 %
Heat (a)		
Mean	1.5	1.5 °C.min
Coefficient of Variation	0.0	0.0 %
Number of Specimens Tested	6	6
Observation	Visible smoke	

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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Accredited for compliance with ISO/IEC 17025

- Chemical Testing
- Mechanical Testing
- Performance & Approvals Testing

: Accreditation No. 983
: Accreditation No. 985
: Accreditation No. 1356

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0204/11/06

APPROVED SIGNATORY

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

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 1st Floor, 191 Racecourse Road, Flemington, Victoria 3031
 P.O. Box 240, North Melbourne, Victoria 3051
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TEST REPORT

CLIENT :

TEST NUMBER : 7-527634-BV
 DATE : 19/09/2005
 ORDER NUMBER : 21715

SAMPLE DESCRIPTION

Hospital drapery curtaining
 buckland spun
 Nom weight: 211 to 214 g/m2
 Thickness: 1mm

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

Material Specification provided by client:
 Nominal composition: Warp 150/2D brigh PE 34 ends/cm
 Weft 30/2 Ne flame retardant 21px/cm

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/m2	Nil
Smoke release, log d	Nil	Nil
Optical density, d	Nil /m	Nil

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

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.

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TEST REPORT

Client : Materialised Pty Ltd
19 Heath Road
Blakehurst NSW 2221

Test Number : 21-001477
Issue Date : 8/04/2021
Print Date : 8/04/2021

Sample Description Clients Ref : "Bento"
Woven drapery fabric

AS 2755.2-1985

Measurement of Flame Spread Properties of Vertically Orientated Specimens

Date of Testing	08/04/2021	
Ignition Time (seconds)	15 sec	
Test Conditions	As Received	
Face Tested	Face	
Barometric Pressure	1006 hPa	
Temperature	24.0 °C	
Relative Humidity	56.0 %	
Gas Used	Propane	
Orientation of Burner	Surface	
Mean Severance Time	Length	Width
to 1st Marker thread	FTI	FTI sec
to 2nd Marker thread	FTI	FTI sec
to 3rd Marker thread	FTI	FTI sec
Mean Flame Spread Time	Length	Width
1st Marker to 2nd Marker thread	FTI	FTI sec
2nd Marker to 3rd Marker thread	FTI	FTI sec
1st Marker to 3rd Marker thread	FTI	FTI sec

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Fiona McDonald
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Test Number : 21-001477
Issue Date : 8/04/2021
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Observations :	Length	Width
Number of Specimens Failed to Burn to 1st Marker thread	3	3
Number of Specimens Failed to Burn to 2nd Marker thread	0	0
Number of Specimens Failed to Burn to 3rd Marker thread	0	0
Number of Specimens Tested	3	3
Flame application caused a hole to be burnt or melted on the face of the specimen		Yes
Flame reaches vertical edge of specimen		No
Flaming debris fell below the bottom edge of the frame and contined to burn		No

Note: FTI - Failed to ignite

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