

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 : Mokum Textiles Pty Ltd
Suite 32, Level 1
69 O'Riordan Street
Alexandria NSW 2015

Test Number : 16-002612
Issue Date : 23/05/2016
Print Date : 24/05/2016

Sample Description Clients Ref : "Tanami (AS1530.3)"
Woven outdoor textured plain
Colour : Cream
End Use : Outdoor Upholstery
Nominal Composition : 100% Polyolefinic
Nominal Mass per Unit Area/Density : 515g/m²
Nominal Thickness : Approx:2mm

AS/NZS 1530.3-1999

Methods for Fire Tests on Building Materials, Components and Structures Part 3: Simultaneous Determination of Ignitability, Flame Propagation, Heat Release and Smoke Release

Face tested:	Face		
Date tested:	23/05/2016		
	Standard Error	Mean	
Ignition time	0.42	9.26	min
Flame propagation time	Nil	Nil	sec
Heat release integral	5.1	35.0	kJ/m ²
Smoke release, log d	0.0996	-0.9038	
Optical density, d		0.1471	/ metre
No of samples which ignited		7	
For Samples which ignited			
Smoke Release (Log D) - Mean		-0.9038	
Smoke Release (Log D) - Standard Error		0.0996	
No of samples which did not ignite		2	
For Samples which did not ignite			
Smoke Release (Log D) - Mean		-0.8373	
Smoke Release (Log D) - Standard Error		0.0000	

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12426

Page 1 of 2

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Number of specimens tested:	9
Regulatory Indices:	
Ignitability Index	11 Range 0-20
Spread of Flame Index	0 Range 0-10
Heat Evolved Index	1 Range 0-10
Smoke Developed Index	5 Range 0-10

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 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.

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.

Each test specimen had an unattached backing of 4.5mm thick fibre reinforced cement board.

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

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.

These results only apply to the specimen mounted, as described in this report. The result of this fire test may be used to directly assess fire hazard, but it should be recognised that a single test method will not provide a full assessment of fire hazard under all fire conditions.

59517

12426

Page 2 of 2

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APPROVED SIGNATORY

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