

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 :	Vertilux Cor PO Box 611 Tullamarine		Test Numb Issue Date Print Date Order Num	: 03/07/20 : 14/07/20	15		
Sample I	Description	Clients Ref : "Status 10% Transparent, Woven coated fabric Colour : Pitch-black End Use : Blinds Nominal Composition : 30% Polyester, 7 Nominal Mass per Unit Area/Density : Nominal Thickness : 0.55mm					
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: 03/07/2015					
			Standard Error	Mean			
		Ignition time	0.40	5.38	min		
		Flame propagation time	Nil	Nil	sec		
		Heat release integral	4.0	34.1	kJ/m²		
		Smoke release, log d	0.0575	-0.4549			
		Optical density, d		0.3692	/ metre		
		No of samples which ignited		7			
		For Samples which ignited					
		Smoke Release (Log D) - Mean		-0.4549			
		Smoke Release (Log D) - Standard Error		0.0575			
		No of samples which did not ignite		2			
		For Samples which did not ignite					
		Smoke Release (Log D) - Mean		-0.5304			
		Smoke Release (Log D) - Standard Error		0.0000			
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MICHAEL A. JACKSON B.Sc.(Hons)

APPROVED SIGNATORY



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TEST REPORT

Client :	Vertilux Corporation Pty Ltd PO Box 611 Tullamarine VIC 3043	Test Number 15-002930 Issue Date 03/07/2015 Print Date 14/07/2015 Order Number 108665		
	Number of specimens tested:		9	
	Regulatory Indices: Ignitability Index		15 Banga 0.20	
	Spread of Flame Index		15 Range 0-20 0 Range 0-10	
	Heat Evolved Index		1 Range 0-10	
	Smoke Developed Index		6 Range 0-10	

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

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

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.

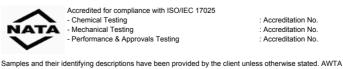
Each test specimen was sandwiched between two layers of galvanised welded square mesh made from wire of nominal diameter 0.8mm and nominal spacing 12mm in both directions, stapled through at four points, each 100mm from the centre of the sample and the assembly clamped in four places.

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.

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