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

TEST REPORT

Client : Charles Parsons & Co Pty Ltd
Level 2
191 - 193 Cleveland Street
Redfern NSW 2016

Test Number : 21-006152
Issue Date : 15/12/2021
Print Date : 15/12/2021

Sample Description

Clients Ref : "Kendrick"
Woven fabric with backcoating
Colour : Grey
End Use : Drapery
Nominal Composition : 100% Polyester
Nominal Mass per Unit Area/Density : 350g/m2
Nominal Thickness : Approx 1mm

257384 55803

Accredited for compliance with ISO/IEC 17025 - Testing

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 Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertisement have been approved by the Managing Director of AWTA Ltd.

Fiona McDonald
APPROVED SIGNATORY

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

0204/11/06

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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: 15-12-2021

	Standard Error	Mean	
Ignition time	0.42	6.68	min
Flame propagation time	0.8	10.2	sec
Heat release integral	3.1	137.1	kJ/m²
Smoke release, log d	0.0361	-0.4447	
Optical density, d		0.3652	/ metre

Number of specimens ignited:	6
Number of specimens tested:	6

Regulatory Indices:

Ignitability Index	13	Range 0-20
Spread of Flame Index	9	Range 0-10
Heat Evolved Index	5	Range 0-10
Smoke Developed Index	6	Range 0-10

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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.

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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