

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 : Textile Mania Pty Ltd
560 Swan Street
Richmond VIC 3121

Test Number : 20-000893
Issue Date : 3/03/2020
Print Date : 3/03/2020

Sample Description Clients Ref : "#12248 Orbit"
Woven Fabric
Colour : Grey, White, Black, Brown
End Use : Upholstery
Nominal Composition : 81% Wool, 19% Nylon

**AS/NZS 1530.3-1999
(Modified)**

**Method for Fire Tests on Building Materials, Components and Structures. Part 3
Simultaneous Determination of Ignitability, Flame Propagation, Heat Release and
Smoke Release - Guidance Test**

Date Tested		03/03/2020
Specimen	1	2
Ignitability Index (Range 0-20)	11	11
Spread of Flame Index (Range 0-10)	0	0
Heat Evolved Index (Range 0-10)	0	0
Smoke Developed Index (Range 0-10)	2	2

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Accredited for compliance with ISO/IEC 17025 - Testing

- Chemical Testing

- Mechanical Testing

- Performance & Approvals Testing

: Accreditation No. 983

: Accreditation No. 985

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A reduced number of specimens were tested to provide guidance only as to the likely performance of the product tested.

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.

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

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.

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

The results only apply to the specimen mounted as described in this report.

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