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

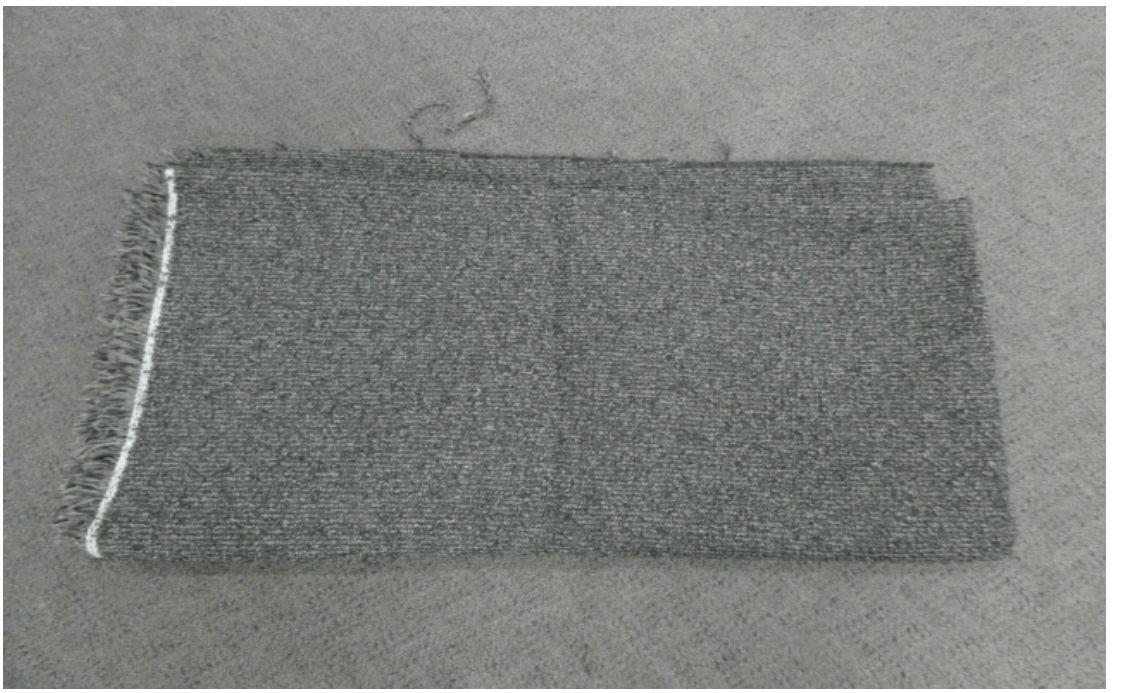
TEST REPORT

Client : Warwick Fabrics Aust Pty Ltd
6-10 Sackville Street
Collingwood VIC 3066

Test Number : 24-000491
Issue Date : 25/03/2024
Print Date : 25/03/2024

Sample Description

Clients Ref : ""Zagreb" Millie Grant
Woven fabric
Colour : Grey
End Use : Upholstery
Nominal Composition : 38% Recycled Polyester, 25% Polyester, 23% Acrylic, 14% Recycled Polypropylene
Nominal Mass per Unit Area/Density : 514g/m2



317995 69122

Accredited for compliance with ISO/IEC 17025 - Testing
Accreditation Numbers: 983, 985, and 1356

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Chris Campbell
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:	22-03-2024		
	Standard Error	Mean	
Ignition time	0.19	7.44	min
Flame propagation time	NIL	NIL	sec
Heat release integral	4.1	90.6	kJ/m²
Smoke release, log d	0.0418	-0.7617	
Optical density, d		0.1771	/ metre
Number of specimens ignited:		6	
Number of specimens tested:		6	
Regulatory Indices:			
Ignitability Index		13	Range 0-20
Spread of Flame Index		0	Range 0-10
Heat Evolved Index		3	Range 0-10
Smoke Developed Index		5	Range 0-10

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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.

Each sample was placed in a cuboid frame made of nominal 6mm diameter steel rods, 600 x 450 mm and the thickness extended to <#Specimen thickness#>mm. <#Specimen mass#>grams of sample was placed in the frame and the entire frame was covered with a layer of galvanised welded square mesh made from wire of nominal diameter 0.8mm and nominal spacing 12mm in both directions. Two 3mm diameter steel rods were inserted at third heights to hold the materials in place.

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.

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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