



No. 1145172.1

(Please quote this number in all correspondence)

CLIENT:
Maxwell Rodgers Fabrics
PO Box 47-361
Auckland

SAMPLE RECEIVED FROM:
Maxwell Rodgers Fabrics

Date: 3.8.16

Attn.: Christine Williams

SAMPLE DESCRIPTION:
One green super felt fabric, 100% Wool, approx. 480
gsm, approx. thickness 2 mm.

Client Order No.:

Client Reference:

1 of 1

**IMO RESOLUTION MSC.307 (88) (adopted Dec 2010) ADOPTION OF THE INTERNATIONAL CODE FOR APPLICATION OF FIRE TEST PROCDEURES (2010 FTP CODE)
MSC 88/26/Add 2 Annex 1, Part 8 TEST FOR UPHOLSTERED FURNITURE
Formerly A.652 (16) October 1989**

Methods of test for the ignitability by smokers' materials of upholstered composites of seating e.g. covers and filling used in upholstered seating.

In the absence of foam being supplied by the client, this test was carried out using **FR treated polyurethane foam** having a density of 36.4 kg/m³ (Enduro 36-130 Ultrafresh sourced locally) .The fabric was tested over the foam i.e. ignition source was applied directly to the fabric.

Standard test rig used – arranged to represent, in stylised form, a junction between a seat and back (or seat and arm) such as might occur in a typical chair.

Conditioned at: 50 ± 5% RH. 23 ± 2°C

Date of issue: 11 August 2016

Part 1 Ignition Source: Smouldering Cigarette (conforming to the requirements of the test)

Result: Pass

Part 2 Ignition Source: Match flame equivalent

Burning time: 0 seconds

Result: Pass

Please note: -These tests only measure the ignitability of a combination of materials used in upholstered seating and not of a particular finished item of furniture incorporating these materials. They give an indication of, but cannot guarantee, the ignition behaviour of the finished item of furniture.

This document pertaining to the product stated is valid for no more than five years from the date of issue stated above.

The NZWTA Testing Department is a "Recognised Test Laboratory" for this test by Maritime NZ, under Cert # FFA/IMOTL/2016/1, dated April 6, 2016.
It is included in the IMO List of Recognised Test Laboratories SSE.1 /Circ.1, 11 June 2014



All tests reported herein have been performed in accordance with the laboratory's scope of accreditation

"THIS REPORT APPLIES ONLY TO THE SAMPLES TESTED"

Except where the sample is drawn independently by NZWTA Ltd. NZWTA Ltd makes no warranty, implied or otherwise as to the source of the tested sample. The above test results are not certified due to the adoption of modified and/or non-standard procedures designed to provide THE CLIENT WITH GUIDANCE INFORMATION ONLY. Except where precluded by law, no responsibility can be accepted by NZWTA Ltd for any claim which may arise from any person acting on information contained herein.

L A Greer
Signatory

C Judan
Signatory

11/08/2016

New Zealand Wool Testing Authority Ltd

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No. 1355261.7

(Please quote this number in all correspondence)

CLIENT:
Maxwell Rodgers Fabrics
PO Box 47-361
Auckland

Attn.: Christine Williams

SAMPLE RECEIVED FROM:
Maxwell Rodgers Fabrics

SAMPLE DESCRIPTION:
Silver colour upholstery fabric:
Clients Ref. – Superfelt
Nominal Composition – 100% Mid Micron Wool
Nominal Weight – 460gsm

Date Received: 16.12.20

Client Order No.:

Client Reference:

1 of 3

**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**

Note: This test was sub-contracted laboratory (Test No. 20-006677)

Face Tested: Face

	Standard Error	Mean	
Ignition Time	0.33	11.02 min.	
Flame Propagation Time	Nil	Nil sec.	
Heat Release Integral	1.3	16.7 kJ/m ²	
Smoke Release, log d	0.0669	-1.2790	
Optical Density, d		0.0556/metre	
Number of Specimens Ignited		6	
Number of Specimens Tested		6	
Regulatory Indices:			
Ignitability Index		9	Range 0-20
Spread of Flame Index		0	Range 0-10
Heat Evolved Index		0	Range 0-10
Smoke Developed Index		3	Range 0-10

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Samples and their identifying descriptions have been provided by the client unless otherwise stated. NZWTA Ltd makes no warranty, implied or otherwise as to the source of the tested samples. The above results are designed to provide THE CLIENT WITH GUIDANCE INFORMATION ONLY. This document shall not be reproduced except in full.

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15/01/2021

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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.

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 the sample during testing all corners were folded away from the clamps.

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