

**No. 1253619.9**

(Please quote this number in all correspondence)

CLIENT:  
Textilia Ltd.  
PO Box 37 378  
Parnell, Auckland

SAMPLE RECEIVED FROM:  
Textilia Ltd.

Date Received: 5.11.18

Attn.: Therese Ronalde

SAMPLE DESCRIPTION:  
Sky colour woven fabric – Chambray  
Nominal Composition – 100% Polyester

Client Order No.:

Client Reference:

1 of 1

## AS 1530.2-1993 – METHODS FOR FIRE TESTS ON BUILDING MATERIALS, COMPONENTS AND STRUCTURES PART 2: TEST FOR FLAMMABILITY OF MATERIALS

Note: This test was subcontracted (test no. 18-006603).

- Samples conditioned at 65% RH and 20°C
- Samples tested as received.
- When face and back are tested, the worst results are quoted
- The specimen is mounted vertically on a frame and a flame is applied to its base. The maximum height reached by the flame in a predetermined time or the time taken for the tip of the flame to reach a predetermined height is recorded together with the air temperature in a flue mounted above the specimen. From these results the flammability index is calculated.

	Length	Width
Maximum Height ( <i>D</i> ) – Mean	3.0	5.9
CV%	41.7	40.9
Time ( <i>t</i> ) – Mean	N/A	N/A
CV%	N/A	N/A
Heat ( <i>A</i> ) – Mean (°C.min.)	2.8	4.5
CV%	48.0	37.0
Number of Test Specimens	9	9
Observation	Visible smoke, melting, dripping and flaming debris.	

	Length	Width
Speed Factor ( <i>S</i> )	N/A	N/A
Spread Factor ( <i>E</i> )	0	7
Heat Factor ( <i>H</i> )	1	1

Flammability Index calculation:  $I = H + E$  or  $I = H + S$

**Flammability Index = 8**

These test results relate only to the behaviour of the test specimens of the material under the particular conditions of the test, and they are not intended to be the sole criterion for assessing the potential fire hazard of the material in use.

### "THIS REPORT APPLIES ONLY TO THE SAMPLES TESTED"

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.

L A Greer  
Signatory

  
C Judan  
Signatory

19/11/2018

New Zealand Wool Testing Authority Ltd

22 Bridge Street, PO Box 12065

Ahuriri, Napier 4144, New Zealand

T +64 6 835 1086, F +64 6 835 6473 Email: testing@nzwta.co.nz