NZWTA WOOL TESTING

NZWTA TEXTILES AND MATERIALS TESTING

No. 1583331.2C

(Please quote this number in all correspondence)

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

Attn.: Therese Ronalde

SAMPLE RECEIVED FROM:
Textilia Ltd.

SAMPLE DESCRIPTION:
Grey upholstery fabric – Product STRATA
Nominal Composition – 100% Polyester
Nominal Weight – 470g per lineal meter

Date Received: 8.9.25

Client Order No.:

Client Reference:

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 (Test No. 25-003811).
Face Tested: Face

	Standard Error	Mean	
Ignition Time	Nil	Nil min.	
Flame Propagation Time	Nil	Nil sec.	
Heat Release Integral	Nil	Nil kJ/m^2	
Smoke Release, log d	0.0000	-0.7688 for samples that ignited	
Optical Density, d		0.1729 / metre	
Number of Specimens Ignited		2	
Number of Specimens Tested		9	
Smoke Release, log d for 7 samples that did not ignite	0.1328	-1.6344	
Regulatory Indices:			
Ignitability Index		0	Range 0-20
Spread of Flame Index		0	Range 0-10
Heat Evolved Index		0	Range 0-10
Smoke Developed Index		5	Range 0-10

L Greer

L Greer 16/10/2025
Key Technical Person

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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.

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

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.

Ignition is initiated by a pilot flame that is held near , but does not touch the specimen. A material that does not ignite during the standard test may ignite if contacted with a pilot flame during the test .

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