

AWTA PRODUCT TESTING

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing
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Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

CLIENT : NSW LEATHER CO PTY LTD
707 ELIZABETH STREET
WATERLOO NSW 2017

TEST NUMBER : 7-569259-CN
ISSUE DATE : 12/10/2009
PRINT DATE : 12/10/2009

SAMPLE DESCRIPTION Clients Ref: "Sundance"
Leather hide Colour: Tan
Approximate mass: 557g/m2
Approximate thickness: 1mm
End use: Upholstery

THESE RESULTS MUST BE CONSIDERED IN CONJUNCTION
WITH THE COMMENTS ON THE FOLLOWING PAGE(S)

Material Specification provided by client:
Nominal composition: Leather

AS/NZS Simultaneous determination of Ignitability, Flame
1530.3 - 1999 Propagation, Heat Release and Smoke Release

RESULTS:

Face tested: Face

Date tested: 08.10.2009

	Mean		Standard Error
Ignition time	4.07	min	0.05
Flame propagation time	Nil	s	Nil
Heat release integral	72.4	kJ/m2	2.6
Smoke release, log d	-1.3732		0.0505
Optical density, d	0.0437	/m	

Number of specimens ignited: 6

Number of specimens tested: 6

REGULATORY INDICES: Ignitability Index 16 Range 0-20
Spread of Flame Index 0 Range 0-10
Heat Evolved Index 2 Range 0-10
Smoke Developed Index 3 Range 0-10

Comments:

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

The results of this fire test may be used to directly assess fire hazard, but it should be recognized 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.

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-Chemical Testing of Textiles & Related Products : Accreditation No. 983
-Mechanical Testing of Textiles & Related Products : Accreditation No. 985
-Heat & Temperature Measurement : Accreditation No. 1356

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APPROVED SIGNATORY

MICHAEL A. JACKSON B.Sc.(Hons)
MANAGING DIRECTOR

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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 the assembly clamped in four places.

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

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(END OF REPORT)

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MANAGING DIRECTOR