

AWTA PRODUCT TESTING

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing
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 1st Floor, 191 Racecourse Road, Flemington, Victoria 3031
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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 : 7-562844-MN
 DATE : 21/10/2008

SAMPLE DESCRIPTION Clients Ref: "Millenium"
 Leather submitted
 Colour: Dark Purple
 Approx. thickness: 0.9 to 1.0mm
 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
 Approx. mass: 830g/m²

AS/NZS
 1530.3 - 1999

Simultaneous determination of Ignitability, Flame
 Propagation, Heat Release and Smoke Release

RESULTS:

Face tested: Face
 Date tested: 21/10/2008

	Mean		Standard Error
Ignition time	5.34	min	0.19
Flame propagation time	Nil	s	Nil
Heat release integral	96.2	kJ/m ²	3.8
Smoke release, log d	-0.7949		0.0565
Optical density, d	0.1679	/m	

Number of specimens ignited: 6

Number of specimens tested: 6

REGULATORY INDICES:

Ignitability Index	15	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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 - 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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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.

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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