

AWTA PRODUCT TESTING

Australian Wool Testing Authority Ltd – trading as AWTA Product Testing
A.B.N. 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031
P.O. Box 240, North Melbourne, Victoria 3051
Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

CLIENT : DOTMAR EPP
30-32 GARDEN BOULEVARD
DINGLEY VIC 3172

TEST NUMBER : 7-562240-CV
DATE : 15/10/2008
ORDER NUMBER : E114814

SAMPLE DESCRIPTION Clients Ref: "Nuvex Playboard"
Rigid composite panels
Colour: Red/Yellow/Red

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

Material Specification provided by client:

Nominal composition: polyethylene
Nominal mass: 18029g/m²
Nominal thickness: 18.6mm

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

RESULTS:

Face tested: Both

Date tested: 18/09/2008

	Mean	Standard Error
Ignition time	8.35 min	0.14
Flame propagation time	Nil s	Nil
Heat release integral	43.8 kJ/m ²	1.3
Smoke release, log d	-1.3787	0.0588
Optical density, d	0.0451 /m	

Number of specimens ignited: 9

Number of specimens tested: 9

REGULATORY INDICES:	Ignitability Index	12	Range 0-20
	Spread of Flame Index	0	Range 0-10
	Heat Evolved Index	1	Range 0-10
	Smoke Developed Index	3	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 specimens were mounted to simulate use in an unsupported or free hanging mode. The results may be significantly different when mounted to simulate a wall cladding or upholstery application.

The specimens melted away from the area of maximum heat and produced flaming droplets during the test. Due to this phenomena it should be recognised that this test result may not be a true indication of the product's fire hazard properties.

Each test specimen was sandwiched between two layers 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.

Inconsistent flame spread behaviour was observed.
Only two of the nine specimens registered flame spread.

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APPROVED SIGNATORY

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