

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 : AUSPLAZTIK
PO BOX 155
MILDURA VICTORIA 3500

TEST NUMBER : 7-568040-CV
ISSUE DATE : 10/08/2009
PRINT DATE : 10/08/2009

SAMPLE DESCRIPTION: Black recycled plastic panel.
Nominal composition: LDPE/PS/Organic Fibre
Nominal mass: 10780 g/m²
Nominal thickness: 11mm
End use: Flooring

AS/NZS 3837:1998
MODIFIED Method of Test for Heat and Smoke Release Rates
for Materials and Products Using an Oxygen
Consumption Calorimeter

Specimen

Average Heat Release Rate 324.6 kW/m²

Average Specific extinction area 866.8 m²/kg
(according to Specification C1.10 of the Building Code of Australia)

BCA Classification:-
Group Classification 4
(according to Specification A2.4 of the Building Code of Australia)

Specimen

Irradiance 50 kW/m²
Exhaust flow rate 24 l/s
Time to sustained flaming 18 s
Test duration 1244 s

Heat release rate curve on attached sheets which form part of this report

Peak heat release after ignition 577.5 kW/m²
Average heat at 60s 359.4 kW/m²
Release rate at 180s 472.6 kW/m²
After ignition at 300s 458.3 kW/m²
Total heat released 397.4 MJ/m²
Average effective heat of combustion 35.5 MJ/kg

176345

1

(CONTINUED NEXT PAGE)

PAGE 1

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APPROVED SIGNATORY

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

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MILDURA VICTORIA 3500

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ISSUE DATE : 10/08/2009
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Initial thickness	11.0	mm
Initial mass	109.4	g
Mass remaining	10.6	g
Mass percentage pyrolysed	90.3	%
Mass loss	98.8	g
Average rate of mass loss	9.1	g/m2.s

These test results relate only to the behaviour of the product under the conditions of the test, they are not intended to be the sole criterion for the assessment of performance under real fire conditions

176345

(END OF REPORT)

PAGE 2

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TEST REPORT

CLIENT : AUSPLAZTIK
PO BOX 155
MILDURA VICTORIA 3500

TEST NUMBER : 7-568245-CV
ISSUE DATE : 20/08/2009
PRINT DATE : 05/10/2009

SAMPLE DESCRIPTION Pink recycled plastic panel
Nominal composition: LDPE/PS/Organic Fibre
Nominal mass: 10780 g/m²
Nominal thickness: 24mm
End use: Flooring

Material Specification:
Nominal composition: LDPE/PS/ Organic fibre
Nominal total mass: 10780g/m²

ASISO 9239.1-2003 Reaction to Fire Tests for Floorings
Part 1 Determination of the Burning Behaviour
using a Radiant Heat Source
Date of sample arrival: 14/07/2009
Date tested: 11/08/2009
Results: CHF (Critical Heat Flux / Critical Radiant Flux)

	1	2	3	Mean	
Length	-	-	-	-	kW/m ²
Width	< or equal to 1.1	-	-	-	kW/m ² kW/m ²
Length	-	-	-	-	% min
Width	1946	-	-	-	% min

Smoke Value

Observations: melting

Note: Sample was conditioned in accordance with BSEN 13238-2001 at a temperature of 23+/-2degC and Relative Humidity of 50+/-5% for a minimum of 48 hours prior to testing.

One specimen tested only

Specimen was clamped to a substrate of 6mm thick fibre reinforced cement board prior to testing

The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test, they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use

176346

1

(END OF REPORT)

PAGE 1

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