

AWTA TEXTILE TESTING

Australian Wool Testing Authority Ltd - trading as AWTA Textile Testing
A.B.N. 43 006 014 106
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Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

TEST NUMBER : 7-550352-AO
DATE : 29/01/2007

SAMPLE DESCRIPTION Clients Ref: "Aussie Rail Resin"
Ribbed needle felt punched carpet
Colour: brown/beige
Approximate pile height: 5mm

Material Specification:
Nominal Composition: 100% polypropylene
Nominal Total Pile Mass: 1045g/m²
Nominal backing: FR Resin backing

ASISO 9239.1-2003
Part 1

Reaction to Fire Tests for Floorings
Determination of the Burning Behaviour
using a Radiant Heat Source

Date of sample arrival: 21/12/2006

Date tested: 25/01/2007

Results: CHF (Critical Heat Flux / Critical Radiant Flux)

| | 1 | 2 | 3 | Mean | |
|--------|-----|-----|-----|------|-------------------|
| Length | 2.4 | 2.6 | 2.3 | 2.4 | kW/m ² |
| Width | 3.1 | - | - | - | kW/m ² |

Smoke Value

| | 1 | 2 | 3 | Mean | |
|--------|-----|-----|-----|------|-------|
| Length | 188 | 119 | 322 | 210 | % min |
| Width | 120 | - | - | - | % min |

Observations: Melting
Blistering
Penetration of flame through to substrate

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

Each specimen was adhered to a substrate of 6mm thick fibre reinforced cement board using Roberts 95 adhesive and clamped prior to testing

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- Chemical Testing of Textiles & Related Products : Accreditation No. 983
- Mechanical Testing of Textiles & Related Products : Accreditation No. 885
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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

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APPROVED SIGNATORY

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MANAGING DIRECTOR