

# AWTA TEXTILE TESTING

Australian Wool Testing Authority Ltd – trading as AWTA Textile Testing  
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## TEST REPORT

CLIENT : BEAULIEU OF AUSTRALIA LIMITED  
PO BOX 6160  
YATALA DC QLD 4207

TEST NUMBER : 7-540694-AQ  
DATE : 27/10/2005  
ORDER NUMBER : 8305

SAMPLE DESCRIPTION Clients Ref: Tornado  
Loop pile tufted carpet  
Colour: grey/fleck  
Approx pile height: 4.0mm

### Material Specification:

Nominal composition: Resistain solution dyed nylon / heat set pile  
Nominal total pile mass: 678g/m<sup>2</sup>  
Nominal backing: primary - woven polypropylene  
secondary - synthetic

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: 11/10/2005  
Date tested: 14/10/2005

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

	1	2	3	Mean	
Length	3.8	3.2	3.2	3.4	kW/m <sup>2</sup>
Width	3.9	-	-	-	kW/m <sup>2</sup>

### Smoke Value

Length	55	84	110	83	% min
Width	67	-	-	-	% 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

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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This Laboratory is accredited by the National Association of Testing Authorities, Australia, for:

- Chemical Testing of Textiles & Related Products	: Accreditation No. 983
- Mechanical Testing of Textiles & Related Products	: Accreditation No. 985
- Heat & Temperature Measurement	: Accreditation No. 1358

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