

# AWTA PRODUCT TESTING

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

CLIENT : NEW ZEALAND WOOL TESTING  
AUTHORITY LTD  
PO BOX 12065  
AHURIRI NAPIER 4144  
NEW ZEALAND

TEST NUMBER : 7-594409-AO  
ISSUE DATE : 01/11/2013  
PRINT DATE : 01/11/2013

SAMPLE DESCRIPTION Clients Ref: "13/791 Tanghla"  
Loop pile carpet tile  
Colour: Blue/Grey/Black  
Approx. pile height: 4mm  
Customer: Robert Malcom Ltd

Material Specification:  
Nominal Composition: Solution dyed Nylon  
Nominal Total Mass: 4.71kg/m<sup>2</sup>  
Nominal Backing: PVC

ISO 9239-1:2010 (E)  
Part 1

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

Date of sample arrival: 09/10/2013  
Date tested: 30/10/2013

Results:	CHF Value (Critical Heat Flux / Critical Radiant Flux)				
	1	2	3	Mean	
Length	5.2	5.4	5.1	5.2	kW/m <sup>2</sup>
Width	5.9	-	-	-	kW/m <sup>2</sup>
	Smoke Value				
Length	215	132	155	167	% min
Width	75	-	-	-	% min

Observations: Melting

Note: Sample was conditioned in accordance with BS EN 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 clamped to a substrate of 6mm 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.

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( END OF REPORT )

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Accredited for compliance with ISO/IEC 17025

- Chemical Testing  
- Mechanical Testing  
- Performance & Approvals Testing

: Accreditation No. 983  
: Accreditation No. 985  
: Accreditation No. 1356

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