

# 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 :** Superlon Worldwide SDN BHD  
Lot 2736, Jalan Raja Nong,  
41200 Klang  
Selangor D.E. Malaysia

**Test Number :** 15-005097  
**Issue Date :** 29/10/2015  
**Print Date :** 18/12/2015

**Sample Description** Clients Ref : "Superlon Closed Cell Elastomeric thermal Insulation"  
Flexible foam  
Colour : Black  
End Use : Insulation  
Nominal Composition : NBR Nitrile Rubber  
Nominal Mass per Unit Area/Density : 60kg/m<sup>3</sup>  
Nominal Thickness : 16mm

AS/NZS 1530.3-1999

### Methods for Fire Tests on Building Materials, Components and Structures Part 3: Simultaneous Determination of Ignitability, Flame Propagation, Heat Release and Smoke Release

Face tested: Face  
Date tested: 29/10/2015

	Standard Error	Mean
Ignition time	Nil	Nil min
Flame propagation time	Nil	Nil sec
Heat release integral	Nil	Nil kJ/m <sup>2</sup>
Smoke release, log d	0.0339	-1.3867
Optical density, d		0.0417 / metre

Number of specimens ignited: 0  
Number of specimens tested: 6

Regulatory Indices:  
Ignitability Index 0 Range 0-20  
Spread of Flame Index 0 Range 0-10  
Heat Evolved Index 0 Range 0-10

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: Accreditation No. 985

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Smoke Developed Index

3 Range 0-10

These results only apply to the specimen mounted, as described in this report. The result of this fire test may be used to directly assess fire hazard, but it should be recognised that a single test method will not provide a full assessment of fire hazard under all fire conditions.

Ignition is initiated by a pilot flame that is held near, but does not touch the specimen. A material that does not ignite during the standard test may ignite if contacted with a pilot flame during the test

Each test specimen had an unattached backing of 4.5mm thick fibre reinforced cement board.

Each test specimen was restrained on the exposed face by a layer 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.

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APPROVED SIGNATORY

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