

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 : L'ISOLANTE K-FLEX S.R.L.
VIA LEONARDO DA VINCI,36
20877 RONCRILLO (MB)
ITALY

TEST NUMBER : 7-589565-CO
ISSUE DATE : 04/03/2013
PRINT DATE : 04/03/2013
ORDER NUMBER : AW 13005
ORDER NUMBER : AW 13005

SAMPLE DESCRIPTION Clients Ref: "K-Flex SI - 10mm"
Flexible elastomeric foam
Colour: Black
Approx thickness: 10mm
Approx weight: 879g/m²
End use: Insulation

THESE RESULTS MUST BE CONSIDERED IN CONJUNCTION
WITH THE COMMENTS ON THE FOLLOWING PAGE(S)

Material Specification provided by client:

Nominal composition: Nitrile rubber in combination with Thermoplastic
component plus inorganic fillers and smoke suppressants

AS/NZS Simultaneous determination of Ignitability, Flame
1530.3 1999 Propagation, Heat Release and Smoke Release

RESULTS:

Face tested: Face

Date tested: 01/03/2013

	Mean		Standard Error
Ignition time	Nil	min	Nil
Flame propagation time	Nil	s	Nil
Heat release integral	Nil	kJ/m ²	Nil
Smoke release, log d	1.2217		0.0191
Optical density, d	0.0603	/m	

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	9	Range 0-10
	Smoke Developed Index	3	Range 0-10

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-Chemical Testing of Textiles & Related Products : Accreditation No. 953
-Mechanical Testing of Textiles & Related Products : Accreditation No. 985
-Heat & Temperature Measurement : Accreditation No. 1559

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Comments:

These results only apply to the specimen mounted, as described in this report.

The results of this fire test may be used to directly assess fire hazard, but it should be recognized that a single test method will not provide a full assessment of fire hazard under all fire conditions.

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 space 12mm in both directions and the assembly clamped along all sides.

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.

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(END OF REPORT)

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[Signature]

APPROVED SIGNATORY

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