

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 RONCELLO (MB)
ITALY

TEST NUMBER : 7-577627-CO
ISSUE DATE : 18/03/2011
PRINT DATE : 19/07/2011
ORDER NUMBER : AW 11 006

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SAMPLE DESCRIPTION Clients Ref: "K-FONIK GV"
Foil face polymeric flexible panel
Colour: White one face, foil the other
Approx thickness: 4mm
Approx weight: 7570g/m²
End use: Acoustic insulation

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

Material Specification provided by client:
Nominal composition: Aluminium / Polyethethylene

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

RESULTS:

Face tested: Foil face

Date tested: 18/03/2011

	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	-1.8501	0.0368
Optical density, d	0.0144 /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 0 Range 0-10
Smoke Developed Index 1 Range 0-10

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.

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-Chemical Testing of Textiles & Related Products : Accreditation No. 983
-Mechanical Testing of Textiles & Related Products : Accreditation No. 985
-Heat & Temperature Measurement : Accreditation No. 1356

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JRM

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

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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 clamped in four places.

Since the heat source for this test is a radiator, a reduction in the reflective properties of certain materials by the deposition of dust and soot, by surface damage and by the formation of surface corrosion products, may produce a significant change in the index numbers from those obtained when the materials were tested in a new and clean condition.

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(END OF REPORT)

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MANAGING DIRECTOR