

Certificate of Test

NE5882

REPORT No.: FNE9403

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AS/NZS 1530.3:1999 SIMULTANEOUS DETERMINATION OF IGNITABILITY, FLAME PROPAGATION, HEAT RELEASE AND SMOKE RELEASE

TRADE NAME: Aeroflex
SPONSOR: Eastern Polymer Industry Co., Ltd
Makhmku
Amphur Nihompattana
Rayong 21180
THAILAND

DESCRIPTION OF SAMPLE: The sponsor described the tested specimen as a elastomeric thermal insulation.

Nominal total mass: 0.5 kg/m²
Total thickness: 10 mm
Colour: Black

TEST PROCEDURE: Six samples were tested in accordance with Australian Standard 1530, Method for fire tests on building components and structures, Part 3: Simultaneous determination of ignitability, flame propagation, heat release and smoke release, 1999. For the test, each sample was clamped to the specimen holder in four places.

RESULTS: The following means and standard errors were obtained:

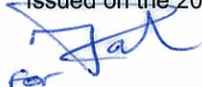
Parameter	Mean	Standard Error
Ignition Time (min)	n/a	n/a
Flame Spread Time (s)	n/a	n/a
Heat Release Integral (kJ/m ²)	n/a	n/a
Smoke Release (log ₁₀ D)	-0.117	0.013


For regulatory purposes these figures correspond to the following indices:

Ignitability Index (0-20)	Spread of Flame Index (0-10)	Heat Evolved Index (0-10)	Smoke Developed Index (0-10)
0	0	0	7

The results 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.

DATE OF TEST: 19 May 2009
Issued on the 20th day of May 2009 without alterations or additions.


Russell Collins
Testing Officer


Garry E Collins
Manager, Fire Testing and Assessments



This document is issued in accordance with NATA's accreditation requirements.



CSIRO Materials Science and Engineering
14 Julius Avenue, Riverside Corporate Park, North Ryde NSW 2113 AUSTRALIA
Telephone: 61 2 9490 5444 Facsimile: 61 2 9490 5555