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EWFA Test Report No.	26955-00b.2	Page 1 of 2
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Report Sponsor	Issue Date
Era Polymers Pty Ltd, 25-27 Green Street, Banksmeadow, NSW 2019	7 th May 2012

Revised Test Report

This is a revision to the original test report, issued on May 7th, 2012. The revision was issued to include additional information supplied by the sponsor of the test.

Test in accordance with AS/NZS 1530.3 – 1999

Objective

To determine the performance of the material samples as described in this report when subjected to the test conditions stated in the test standard referenced below.



Product	Icynene MD-R-200
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Test Reference	Reference Date
EWFA 2695500b	21 st May 2012

Test Method	Supplementary Standards
AS/NZS 1530.3:1999 Part 3: Simultaneous determination of ignitability, flame propagation, heat release and smoke release	Nil

Product Description

The specimens tested consisted of 615mm long by 499mm wide by 65mm thick panels comprising of an expanded foam material nominated by the supplier as Icynene MD-R-200. The material had an approximate density of 23.6 kgm⁻³ (measured and the sponsor states a nominal density of 32 kg/m³). EWFA personnel were not involved with the selection or preparation of these test specimens. Immediately prior to conducting these tests the test specimens were conditioned to a constant mass, at a temperature of 20^oC and a relative humidity of 65%.

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Authorisation	Prepared By:  J. Richardson.	Reviewed By:  P. F. Motteram

Test Results

	Mean		Standard Error
Ignition Time	9.65	minutes	1.22
Flame Propagation Time	Nil	seconds	Nil
Heat Release Integral	52.9	kJ/m ²	4.7
Smoke Release, log d	-0.7431		0.2921
Optical Density, d	1.0844	per metre	

Regulatory Indices

Ignitability Index	10	Range 0 to 20
Spread of Flame Index	0	Range 0 to 10
Heat Evolved Index	2	Range 0 to 10
Smoke Developed Index	8	Range 0 to 10

For the 7 samples which ignited -

Smoke Release (log d)	Mean:	-0.7631
	Standard Error:	0.2921

For the 1 sample which did not ignite -

Smoke Release (log d)	Mean:	0.0352
	Standard Error:	0.0000

Comments

The specimens were tested on May 2nd, 2012 and seven of the eight specimens tested ignited.

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

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

Note: Eight specimens tested only due to insufficient sample.

Conditions/Validity

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These tests have been conducted in accordance with the test standard referenced above and this report should be read in conjunction with that standard.

This test report does not provide an endorsement by Exova Warringtonfire Aus Pty Ltd of the performance of the actual products supplied. The tests were performed at AWTA laboratories under the technical control of Exova Warringtonfire Aus Pty Ltd. 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.