

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

TEST REPORT

Client : Plastek Group Pty Ltd
14 Frost Road
Campbelltown NSW 2560

Test Number : 20-002701
Issue Date : 4/06/2020
Print Date : 4/06/2020

Sample Description Clients Ref : "Plasthane 13-OCF and Plasthane 10-OCF-POUR"
Colour : Cream
End Use : Commercial industrial wall and ceiling insulation etc
Nominal Composition : Polyether - Polyester Polyol fire retardant cell stabilizer, catalyst, water
Nominal Mass per Unit Area/Density : 18kg/m³
Nominal Thickness : 40mm

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	Standard Error	Mean
Face tested:	Face		
Date tested:	04/06/2020		
Ignition time	Nil		Nil min
Flame propagation time	Nil		Nil sec
Heat release integral	Nil		Nil kJ/m ²
Smoke release, log d	0.0000		-0.5079
Optical density, d			0.4503 / metre
No of samples which ignited			2
For Samples which ignited			
Smoke Release (Log D) - Mean			-0.5079
Smoke Release (Log D) - Standard Error			0.0000
No of samples which did not ignite			7
For Samples which did not ignite			
Smoke Release (Log D) - Mean			-0.3508
Smoke Release (Log D) - Standard Error			0.0251
Number of specimens tested:			9

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APPROVED SIGNATORY

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

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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	6	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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