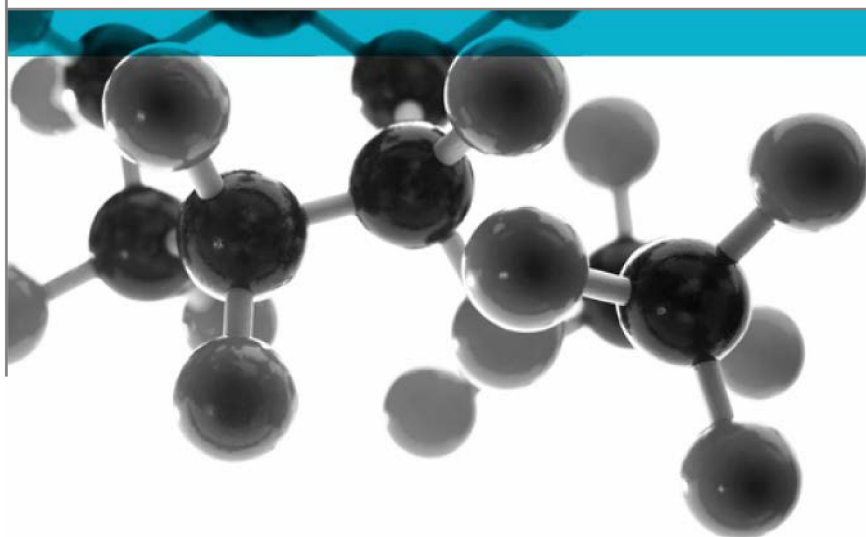


BS 476: Part 6: 1989+A1:2009



Method Of Test For Fire Propagation For Products

A Report To: Smyth Composites Ltd.

Document Reference: 426919

Date: 16th July 2020

Issue No.: 1

Page 1



Executive Summary

Objective To determine the performance of the following product when tested in accordance with BS 476: Part 6: 1989+A1: 2009.

Generic Description	Product reference	Thickness	Weight per unit area or density
Coated fibre reinforced phenolic resin sheet	"Phenclad"	3.7mm	3.9kg/m ²
Individual components used to manufacture composite:			
Two pack polyurethane paint	"AE 265/8"	20 microns	Unable to provide
Phenolic resin	"Cellobond"	Unable to provide	Unable to provide
Powder bound chopped strand mat	"Dong Yu"	Unable to provide	2 x 600g/m ²
Please see page 5 of this test report for the full description of the product tested			

Test Sponsor Smyth Composites Ltd, Unit 10, Panmure Industrial Estate, Carnoustie, Angus DD7 7NP


Test Results:


Fire propagation index, I	=	7.5
Sub index, i ₁	=	1.7
Sub index, i ₂	=	3.3
Sub index, i ₃	=	2.5

An uncertainty of measurement estimation has been conducted in relation to the fire propagation index, I and the sub index, i₁. The findings are as detailed in Annex A of this report.

Date of Test 6th March 2020

Signatories


Responsible Officer H Harper * Testing Officer


Authorised T. Deluce * Senior Technical Officer

* For and on behalf of [Warringtonfire](#).

Report Issued: 16th July 2020

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Page No.: 2 of 11
Issue Date: 16th July 2020
Issue No.: 1



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