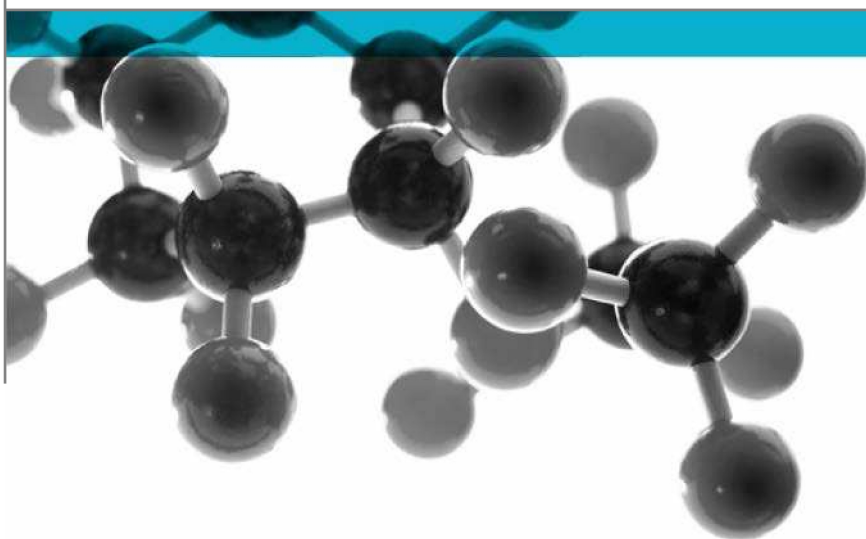


ISO 5660-1:2015+A1:2019



Heat release rate (Cone Calorimeter Method) & Smoke Production Rate (Dynamic Measurement)

A Report To: Smyth Composites Ltd

Document Reference: 422292

Date: 13th January 2020

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Executive Summary

Objective To determine the performance of the following product when tested in accordance with ISO 5660-1:2015+A1:2019

Generic Description		Product reference	Thickness	Weight per unit area
Coated fibre reinforced phenolic resin sheet		"Phenclad"	3.5mm	3.4kg/m ²
Individual components used to manufacture composite:				
Coating		"AE 265/8"	Unable to provide	Unable to provide
Moulded sheet	Phenolic resin	"Cellobond"	Not applicable	Not applicable
	Fibre reinforcement	"Dong Yu"	Not applicable	2 x 600g/m ²
Please see pages 5, 6 & 7 of this test report for the full description of the product tested				

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


Test Results:


Peak Heat Release Rate	=	72.21kW/m²
Total Heat Release	=	30.4MJ/m²
MARHE	=	29.1kW/m²

Please note that the averages stated are from six specimen runs. Please refer to page 7 of this test report for further information.

Date of Test 11th December 2019

Signatories


Responsible Officer C. Jacques * Senior Technical Officer


Authorised T. Mort * Senior Technical Officer

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

Report Issued: 13th January 2020

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