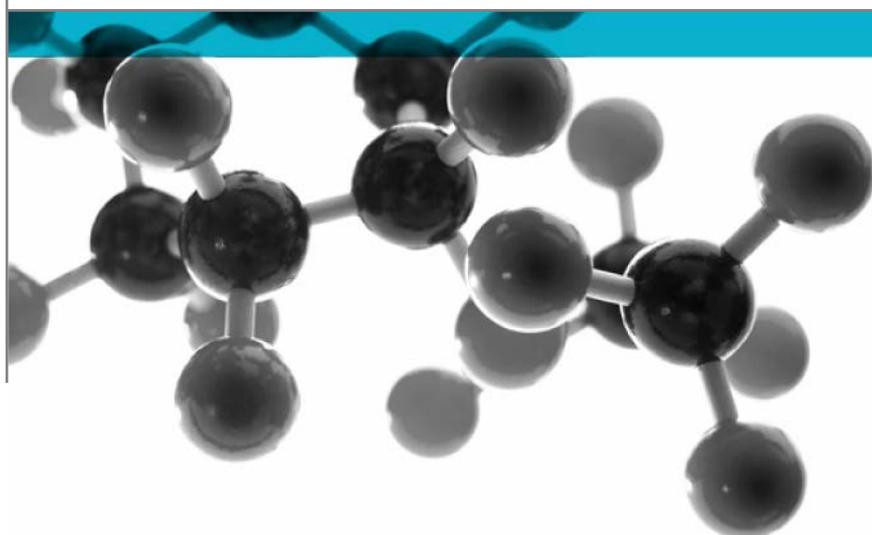


Review of Fire Test Report



A Report To: Foamalite Limited

Document Reference: 501124

Date: 1st March 2021

Issue No.: 1

Page 1

Executive Summary

Objective To review and extend the validity period of [Warringtonfire](#) Test Report No: 346186 which details the fire performance of the following product when tested in accordance with UL-94.

| Generic Description | Product reference | Thickness | Density |
|---|-------------------|-----------|-----------------------|
| Polyethylene terephthalate | "Lumex G" | 3mm | 1.27g/cm ³ |
| Please see page 5 of this test report for the full description of the product tested | | | |

Test Sponsor Foamalite Limited, Lough Gowna, Co. Cavan, Ireland

Conclusion With respect to test report WF No. 346186, its contents shall remain valid until 12th November 2024
 This review should be read in conjunction with test report WF No. 346186

Date of Test 5th November 2014

Signatories



| |
|---|
| Responsible Officer H Harper* Testing Officer |
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|---|
| Authorised C Jacques * Senior Technical officer |
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* For and on behalf of [Warringtonfire](#).

Report Issued: 1st March 2021

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Test Details

Introduction

Test report WF No. 346185 relates to a test performed in accordance with the procedures defined in Section 7 - "Horizontal Burning Test for Classifying materials HB" of UL94 - 'Test for Flammability of Plastics Materials for Parts in Devices and Appliances'.

| | |
|--|---|
| Generic type | Polyethylene terephthalate |
| Product reference | "Lumex G" |
| Name of manufacturer | Foamalite Ltd |
| Thickness | 3mm (stated by sponsor) 2.96mm (determined by Warringtonfire) |
| Density | 1.27g/cm ³ (stated by sponsor) 1.31g/cm ³ (determined by Warringtonfire) |
| Colour reference | "Clear" |
| Flame retardant details | See Note 1 Below |
| Brief description of manufacturing process | The material enters the throat of the cylinder on to the flights of a rotating screw and travels through a heated cylinder, during this process the material is compressed to remove any remaining moisture or volatiles and mix the components. The material is then filtered and pumped through the rest of melt pipes before passing through the feed-block and die. The cooled sheet is pulled down the line by a double set of rubber coated rolls and pushes it through the sizing jaws. The required size of the sheet is achieved by the use of longitudinal circular saws for edge trimming and a cross cut circular saw for the required length. |

Note 1: The sponsor of the test has confirmed that no flame retardant additives were utilised in the production of the product.

Test Results

Test report WF No. 346186 contains the following results:

When the test results are assessed using the test criteria specified in the Standard, the material, when tested at a nominal thickness of 3mm, is classified as “HB”.

Confirmation of Specification

It has been confirmed in writing by Foamalite Limited that there have been no changes to the product description contained within test report WF No. 346186 and that the product which is currently being manufactured is identical in every respect to the specimens which were tested.

It has also been confirmed in writing that no further fire testing of the previously fire tested specification has been performed since the issue of the test report, and no other individual or organisation has been asked to provide a technical review of the reports.

Conclusions

The procedures adopted for the original test (UL-94) have been re-examined and are identical in all respects to those currently in use (UL-94), therefore, with respect to test report WF No. 346186, its contents shall remain valid until 12th November 2024.

This review should be read in conjunction with test report WF No. 346186.

Validity

This review is based on information used in the original test report. No other information or data has been submitted by Foamalite Limited, which could affect this review.

Revision History

| | |
|----------------------|--------------|
| Issue No : | Issue Date: |
| Revised By: | Approved By: |
| Reason for Revision: | |

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| Issue No : | Issue Date: |
| Revised By: | Approved By: |
| Reason for Revision: | |