

POLYFILL LLC

TEST REPORT

SCOPE OF WORK

UL 94-2013 TEST FOR FLAMMABILITY OF PLASTIC MATERIALS
FOR PARTS IN DEVICES AND APPLIANCES; HORIZONTAL BURNING TEST FOR CLASSIFYING
MATERIALS (UL 94HB) ON SONOBLOCK-FR 0500

REPORT NUMBER

104263384SAT-002

TEST DATE(S)

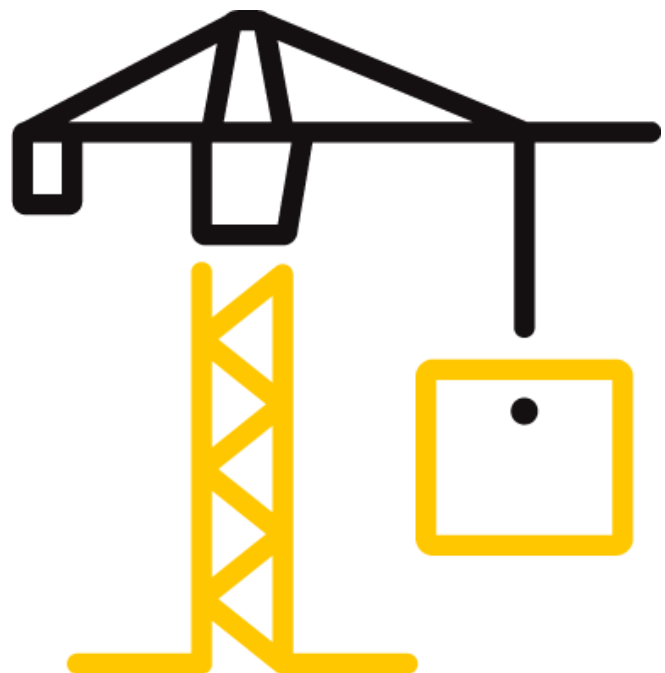
04/14/2020

ISSUE DATE

04/16/2020

PAGES

5



TEST REPORT FOR POLYFILL LLC

Report No.: 104263384SAT-002

Date: 04/16/2020

REPORT ISSUED TO

POLYFILL LLC

960 N. Vandemark Rd.


Sidney, OH 45365

SECTION 1

SCOPE

Intertek Building & Construction (B&C) was contracted by POLYFILL LLC, 960 N. Vandemark Rd., Sidney, OH 45365 to perform testing in accordance with UL 94-2013 Test for Flammability of Plastic Materials For Parts in Devices and Appliances; Horizontal Burning Test for Classifying Materials (UL 94HB), on their SONOBLOCK-FR 0500. Results obtained are tested values and were secured by using the designated test method. Testing was conducted at Intertek B&C test facility in Elmendorf, Texas. This report does not constitute certification of this product nor an opinion or endorsement by this laboratory.

For INTERTEK B&C:

COMPLETED BY:	Theodore Salazar	REVIEWED BY:	Servando Romo
TITLE:	Technician 3	TITLE:	Project Engineer
SIGNATURE:		SIGNATURE:	
DATE:	04/16/2020	DATE:	04/17/2020

SECTION 2

TEST METHOD(S)

The specimen was evaluated in accordance with the following:

UL 94-2013, Test for Flammability of Plastic Materials for Parts in Devices and Appliances; Horizontal Burning Test for Classifying Materials (UL 94HB)

This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only to the sample(s) tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

TEST REPORT FOR POLYFILL LLC

Report No.: 104263384SAT-002

Date: 04/16/2020

SECTION 3**LIST OF OFFICIAL OBSERVERS**

NAME	COMPANY
Theodore Salazar	Intertek B&C

SECTION 4**TEST PROCEDURE**

A bar of the material to be tested is supported horizontally at one end. The burner is placed on the free end of the specimen for 30 seconds. The test flame impinges the specimen at 6mm. Time and extent of burning are measured and reported if the flame front reaches the 25 mm mark. The timing device is started when the flame reaches the 25 mm mark and continues until the flame front reaches the 100mm or if the flames self-extinguishes prior to that point. The timing zone is between the 25 mm mark and the 100 mm mark.

SECTION 5**TEST SPECIMEN DESCRIPTION**

SAMPLE ID	SONOBLOCK-FR 0500
DESCRIPTION	Fire-Resistant EVA Acoustic Barrier
SPECIMEN PREP	Samples were submitted to Intertek directly from the client and were cut to the desired length
SPECIMEN DIMENSIONS	Size 125mm x 13mm x 1.95mm (average thickness)
RECEIVED DATE	04/01/2020 (Samples received in good condition)
INTERTEK SAMPLE TRACKER NUMBER	SAT2004011119-001
SAMPLE CONDITIONING	73.4±4°F and 50±5% R.H. for a minimum of 48 hours.
ENVIRONMENTAL CONDITIONS	65°F and 44% r.h.
TEST WITNESSED BY	N/A

This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only to the sample(s) tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

TEST REPORT FOR POLYFILL LLC

Report No.: 104263384SAT-002

Date: 04/16/2020

SECTION 6**TEST RESULTS**

Specimen	Did Flame Reach 25 mm(Y/N)	Did Flame Reach 100 mm(Y/N)	Total Time (sec)	Damage Length (mm)	Burning Rate (mm/min)
1	N	N	53	30	34.0
2	N	N	0	0	0
3	N	N	0	0	0
Average			17.7	10.0	11.3

SECTION 7**TEST CRITERIA**

A material classified as UL 94HB shall: 1. Not have a burning rate exceeding 40 mm per minute over a 75 mm span for specimens having a thickness of 3.0 - 13 mm, or 2. Not have a burning rate exceeding 75 mm per minute over a 75 mm span for specimens having a thickness less than 3.0 mm, or 3. Cease to burn before the 100 mm reference mark.

SECTION 8**CONCLUSION**

THIS SPECIMEN MET UL 94HB CLASSIFICATION REQUIREMENTS.

This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only to the sample(s) tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.



Total Quality. Assured.

16015 Shady Falls Road
Elmendorf, Texas 78112

Telephone: 210-635-8100
Facsimile: 210-635-8101
www.intertek.com/building

TEST REPORT FOR POLYFILL LLC

Report No.: 104263384SAT-002

Date: 04/16/2020

SECTION 9

REVISION LOG

REVISION #	DATE	PAGES	REVISION
0	04/16/2020	N/A	Original Report Issue

This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only to the sample(s) tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.