

CLIENT: Len-Tex Corporation
18 LenTex Ln
North Walpole, NH 03609

Test Report No: TJ2248	Date: July 29, 2014
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SAMPLE ID: The client identified the following test material as “CVT Wallcovering, 20 oz”

SAMPLING DETAIL: Test samples were submitted to the laboratory directly by the client. No special sampling conditions or sample preparation were observed by QAI.

DATE OF RECEIPT: Samples were received at QAI facilities on July 2, 2014

TESTING PERIOD: July 25, 2014

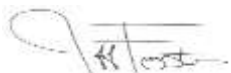
AUTHORIZATION: Signed work order :FB-2014-060601 by Mary O'Neil

TEST REQUESTED: Perform standard flame spread and smoke density developed classification tests on the sample supplied by the Client in accordance with CAN/ULC S102-10, “Method of Test for Surface Burning Characteristics of Building Materials and Assemblies”.

TEST RESULTS:	<u>Flame Spread Rating</u>	<u>Smoke Developed Classification</u>
	15	75

Detailed test results are presented in the subsequent pages of this report

Prepared By



Jeff Foster
Fire Test Technician

**Signed for and on behalf of
QAI Laboratories, Inc.**



J. Brian McDonald
Operations Manager

PREPARATION AND CONDITIONING: The sample was submitted in one panel 24 feet long measuring 24 inches wide and approximately 0.40 millimeters thick. The sample material was placed into conditioning at 73°F (±5°F) and 50% (±5%) relative humidity until day of testing.

MOUNTING METHOD: The sample was supported during testing by 2" hexagonal mesh poultry netting running the length of the test chamber and ¼" round metal rods placed at 2' intervals across the width of the test chamber.

CEMENT BOARD PLACEMENT: The 1/4" cement boards were placed between the test specimen and the chamber lid.

TEST RESULTS:	<u>Flame Spread Values</u>	<u>Smoke Developed Values</u>
Test No. 1	14.5	67
Test No. 2	14.9	75
Test No. 3	<u>20.0</u>	<u>79</u>
Average	16.5	73.7

Rounded Average Flame Spread Rating (FSR): 15

Rounded Average Smoke Developed Classification (SDC): 75

CAN/ULC S102-10 TEST DATA SHEET: (Test 1)

CLIENT: Len-Tex Corporation **DATE:** July 25, 2014

SAMPLE: CVT Wallcovering, 20 oz

IGNITION: 12 seconds

FLAME FRONT: 3 feet maximum

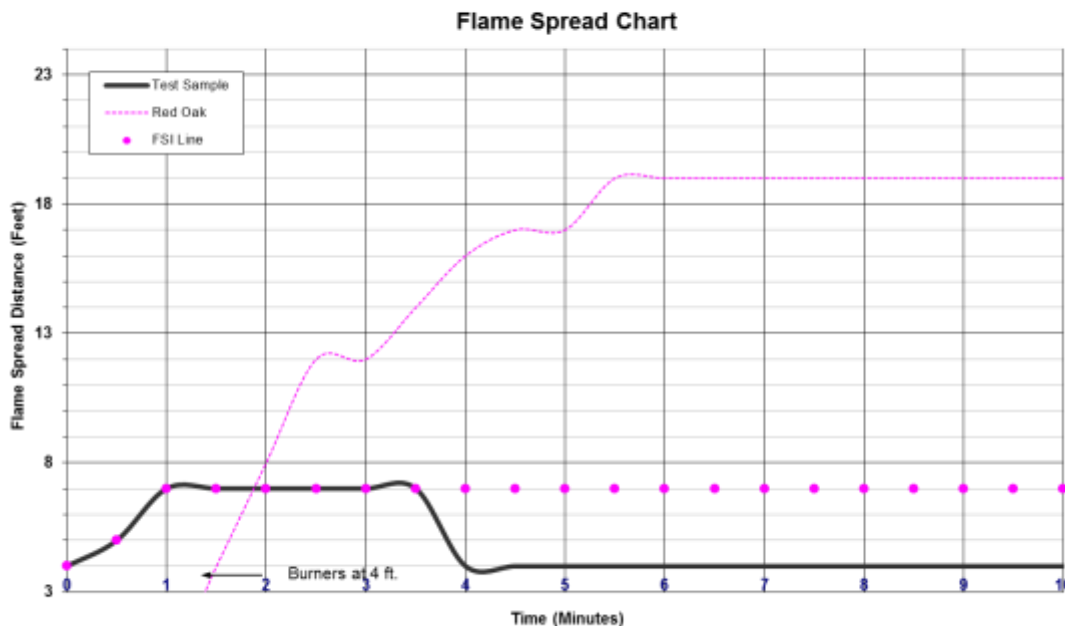
TIME TO MAXIMUM SPREAD: 1 minute

TEST DURATION: 10 minutes, 00 seconds

SUMMARY: FLAME SPREAD: .14.5 **SMOKE DEVELOPED:** 67

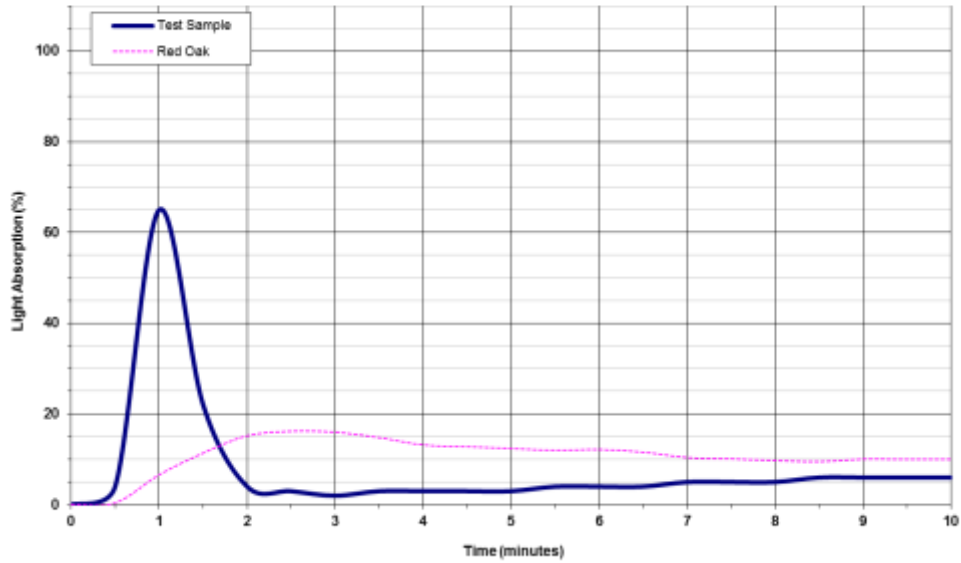
OBSERVATIONS:

Sample ignited 12 seconds after the start of the test. Charring and flaking of the sample was observed shortly after ignition. At the conclusion of the test afterglow was observed.

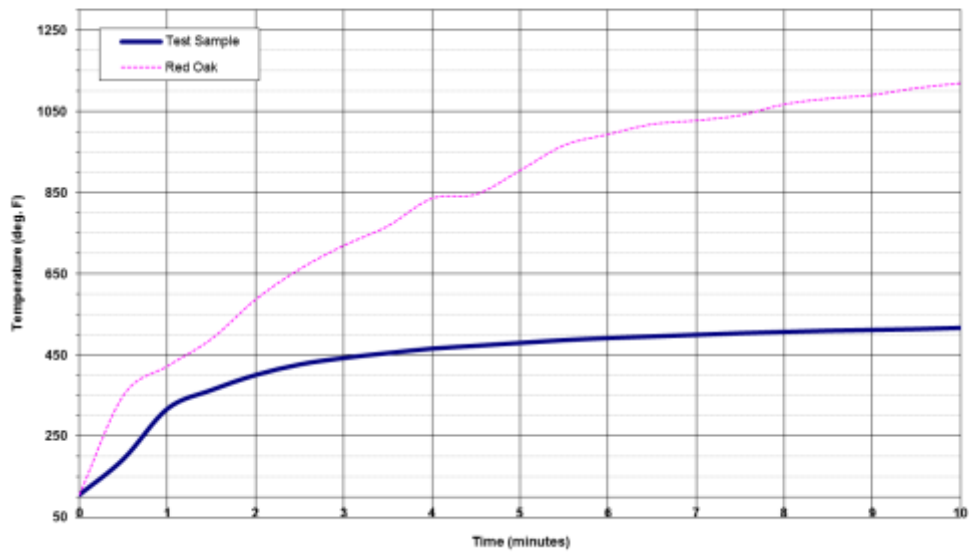


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Smoke Developed Chart



Temperature - Time Curve



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CAN/ULC S102-10 TEST DATA SHEET: (Test 2)

CLIENT: Len-Tex Corporation **DATE:** July 25, 2014

SAMPLE: CVT Wallcovering, 20 oz

IGNITION: 12 seconds

FLAME FRONT: 3 feet maximum

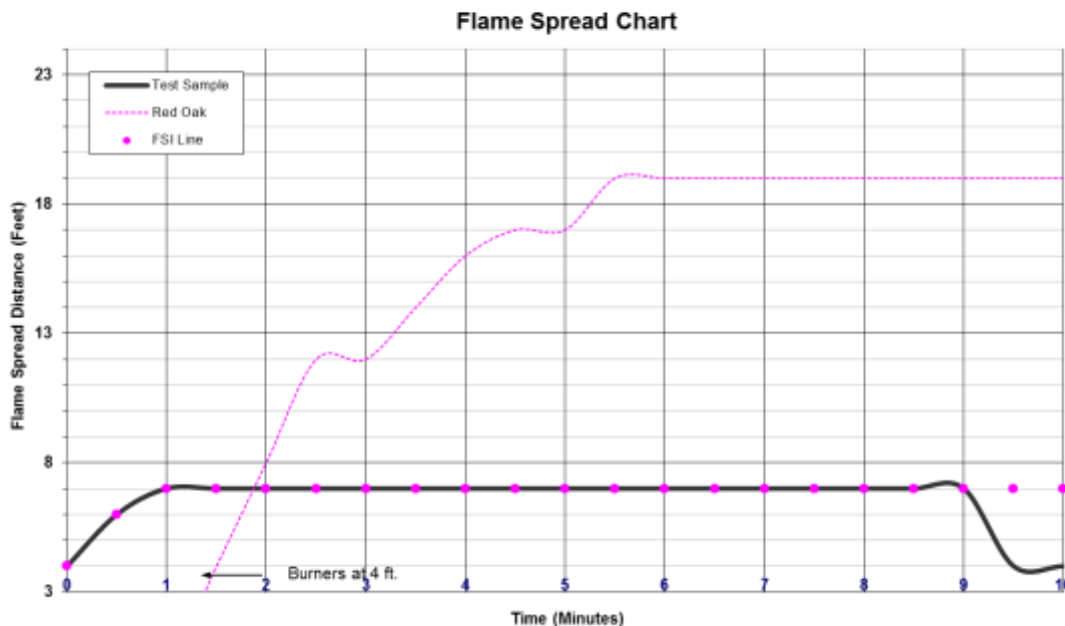
TIME TO MAXIMUM SPREAD: 1 minute

TEST DURATION: 10 minutes, 00 seconds

SUMMARY: FLAME SPREAD: .14.9 **SMOKE DEVELOPED:** 75

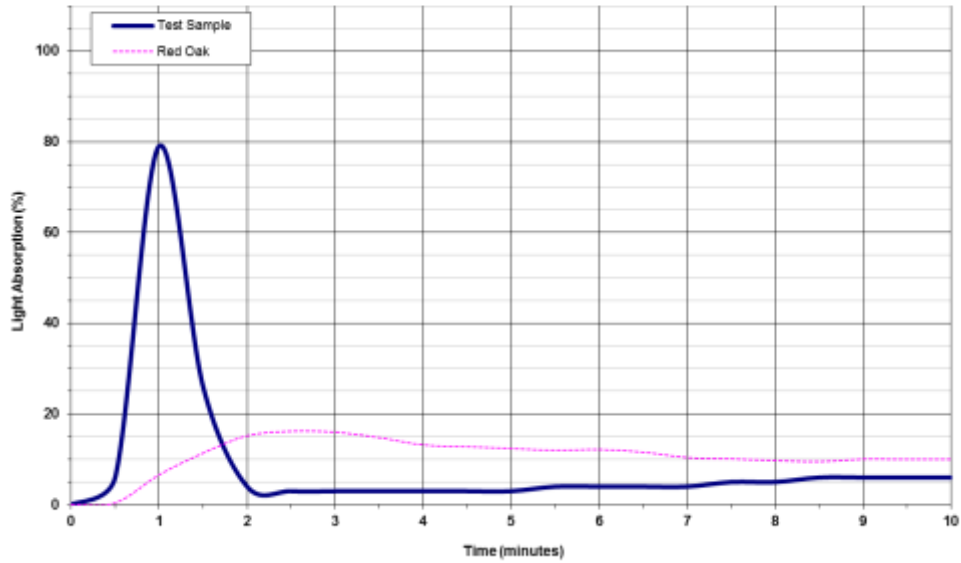
OBSERVATIONS:

Sample ignited 12 seconds after the start of the test. Charring and flaking of the sample was observed shortly after ignition. At the conclusion of the test afterglow was observed.

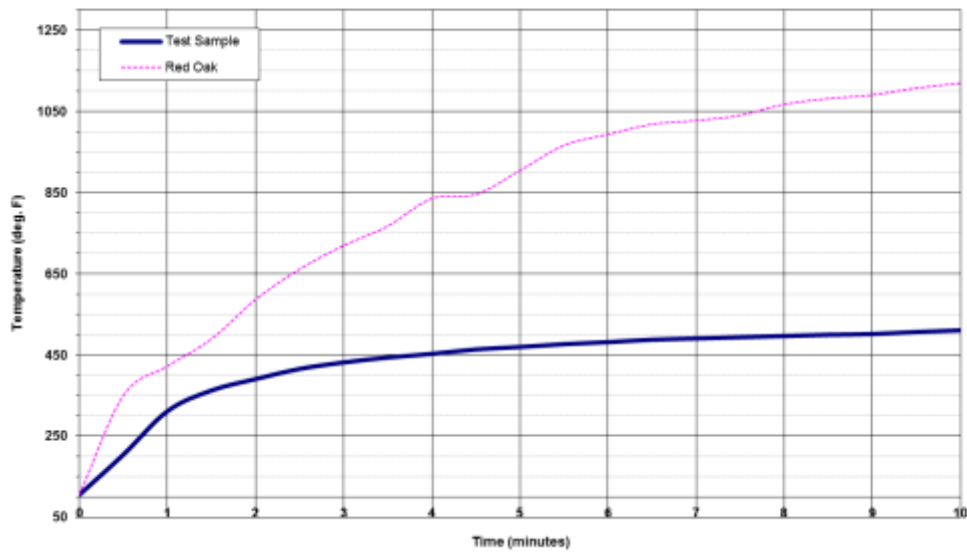


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Smoke Developed Chart



Temperature - Time Curve



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CAN/ULC S102-10 TEST DATA SHEET: (Test 3)

CLIENT: Len-Tex Corporation **DATE:** July 25, 2014

SAMPLE: CVT Wallcovering, 20 oz

IGNITION: 10 seconds

FLAME FRONT: 4 feet maximum

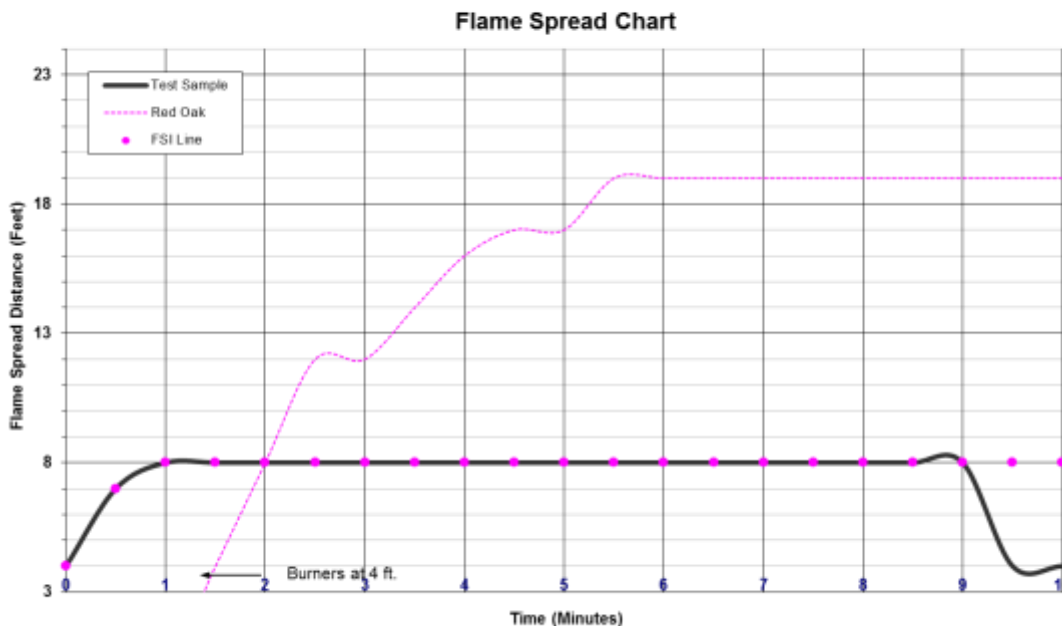
TIME TO MAXIMUM SPREAD: 1 minute

TEST DURATION: 10 minutes, 00 seconds

SUMMARY: FLAME SPREAD: .20.0 **SMOKE DEVELOPED:** 79

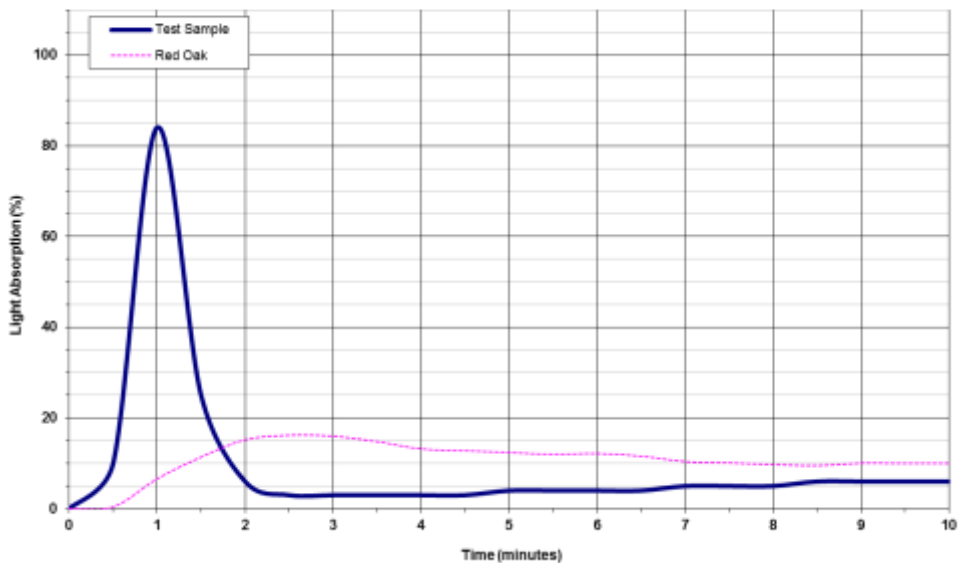
OBSERVATIONS:

Sample ignited 10 seconds after the start of the test. Charring and flaking of the sample was observed shortly after ignition. At the conclusion of the test afterglow was observed.

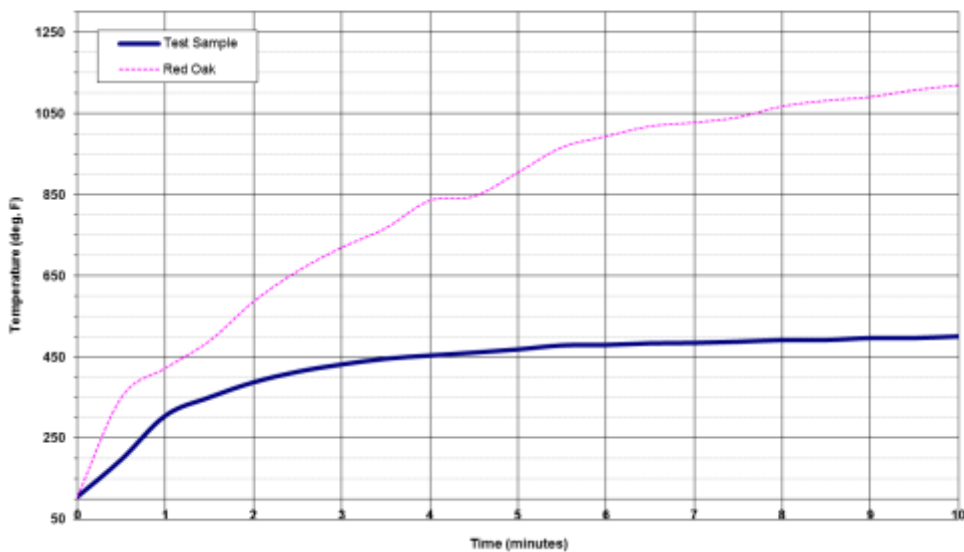


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Smoke Developed Chart



Temperature - Time Curve



*****END OF TEST REPORT*****

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