QAI LABORATORIES
CERTIFICATION TESTING INSPECTION

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CLIENT: GLOBAL PLASTIC SHEETING, INC.
1331 Specialty Drive
Vista, CA 92081
Lee Hinsley

Test Report No: RJ0361	**Date: October 14, 2009**

SAMPLE ID: The Client submitted and identified the following test material as 8 mil Black Polyethylene.

DATE OF RECEIPT: Samples were received on September 15, 2009.

TESTING PERIOD: October 14, 2009.

AUTHORIZATION: Testing authorized by Lee Hinsley**.**

TEST REQUESTED: Perform standard flame spread and smoke density developed classification tests on the sample supplied by the Client in accordance with ASTM Designation E84-08, "Standard Method of Test for Surface Burning Characteristics of Building Materials". The foregoing test procedure is comparable to UL 723, ANSI/NFPA No. 255, and UBC No. 8-1.

TEST RESULTS:

Flame Spread	**Smoke Developed**
10	90

For detailed results see page 2.

Prepared By

Brian Ortega
Test Technician

Signed for and on behalf of QAI Laboratories Inc.

Greg Banasky
Supervisor Fire Technology

PREPARATION AND CONDITIONING: The sample material was submitted in two pieces, 22" wide by 12' long, conforming to test chamber dimensions. . The sample was supported during testing by 2" hexagonal mesh poultry netting running the length of the test chamber and 1/4" round metal rods placed at two foot intervals across the width of the test chamber.

E 84 TEST DATA SHEET:

CLIENT: Global Plastic Sheeting, Inc. **DATE:** 10/14/09

SAMPLE: 8 mil Black Polyethylene

FLAME SPREAD:

IGNITION: 7 seconds

FLAME FRONT: 2 feet maximum

TIME TO MAXIMUM SPREAD: 21 seconds

TEST DURATION: 10 minutes

CALCULATION: 19.61 x 0.515 = 10.10

SUMMARY: FLAME SPREAD: 10 **SMOKE DEVELOPED:** 90

SUMMARY OF ASTM E84 RESULTS: Because of the possible variations in reproducibility, the results are adjusted to the nearest figure divisible by 5. Smoke Density values over 200 are rounded to the nearest figure divisible by 50.

In order to obtain the Flame Spread Classification, the above results should be compared to the following table:

NFPA CLASS	IBC CLASS	FLAME SPREAD	SMOKE DEVELOPED
A	A	0 through 25	Less than or equal to 450
B	B	26 through 75	Less than or equal to 450
C	C	76 through 200	Less than or equal to 450

BUILDING CODES CITED:

1. National Fire Protection Association, ANSI/NFPA No. 101, "Life Safety Code", 2006 Edition.

2. International Building Code, 2006 Edition, Chapter 8, Interior Finishes, Section 803.