

TOUCHSTONE
Systems ■ Services, Inc.
TEST REPORT

PREPARED FOR:
INDUSTRIAL POLYMERS CORP.
3250 S. SAM HOUSTON PARKWAY E
HOUSTON TX 77047

PAGE NO: 1 OF 2
TEST NO: T10595
DATE: August 14, 2014
P.O. NO.: Paid in Advance
LAB NO: 1421902

SAMPLE DESCRIPTION: Textured Plastic Specimen Bonded to Steel Panel -
Speedliner 1000 – Dimensions for 12"x4

SAMPLE NO.: N/A

QUANTITY: One (1)

TEST DESCRIPTION: Flammability of Interior Materials

TEST SPECIFICATIONS USED: 49CFR Ch V, Part 571, 571.302 – Standard 302 Flammability
Rev. July 18, 2014
Quote 14073002CB

TEST EQUIPMENT USED: Horizontal Burn Cabinet #10171
Digital Timer #10207
Next Cal.: 6/6/15
Digital Timer #10330
Next Cal: 3/20/15
Temperature/humidity Chamber #10185
Next Cal:: 10/4/14
Digital Calipers #10207
Next Cal:: 6/6/15
Methane gas Lot #102-80-01221-A1
Lab Ambient Recorder #10358
Next Cal: 7/11/15

TEST PROCEDURE:

The sample was tested after conditioning for 24 hours @ 21° c/50% RH. A 4" x 12" sample was cut from the sample submitted. After conditioning, the sample was placed in the frame and put in the cabinet in horizontal position. The burner tip was positioned 3/4" below the center of the bottom edge of the open end of the specimen.

The sample was exposed to the flame for 15 seconds. Timing began when the flame from the burning specimen reached a point 1 1/2" from the open end of the specimen (the start timing zone).

The time it took the flame to progress to a point 1 1/2" from the clamped end of the specimen (the end of timing zone) was recorded.

If the flame did not reach the end point of the timing zone, the time it took to progress to the point where flaming stopped was recorded.

The burn rate was calculated using the following formula as presented in the specification:

$$B = (60 \times D) / T$$

B = burn rate in mm/minute

D = length the flame travels, in mm

T = time in seconds for the flame to travel D mm

Passing criteria is a burn rate of no more than 4 inches/minute.

RESULTS OF TEST:

Sample: Speedliner 1000 PASSED – No burn rate was recorded. - the sample self extinguished when the 15 second burner application was finished.

DISPOSITION:

Samples retained awaiting disposition instructions.

TEST MANAGED BY:
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