

# Informationen

zur Zertifizierung schwer entflammbar nach USA-Norm NFPA/701

Stoff • atlanta

Farb.-Nr. 671...

Zertifikat-Nummer **178687**

**Bestätigung** Die Firma erfal bestätigt, dass dieser Qualität das Zertifikat 178687 zugrunde liegt.



Jörg Erler  
Geschäftsführer

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Test Report No.: 178687

Date: July 24, 2003

**SAMPLES SUBMITTED BY CLIENT AS:** Two (2) Rolls  
1) Blackout  
2) Lo Gain

**DATE OF RECEIPT:** July 22, 2003

**TESTING PERIOD:** July 23, 2003

**TESTS REQUESTED:** Flame Propagation of Textiles and Films

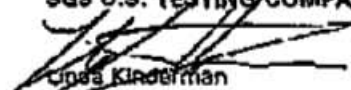
**TEST RESULTS:** Please refer to the following pages

**CONCLUSION:** The submitted samples were found to meet the requirements of NFPA 701-1999 Test Method 1.

**PREPARED BY:**

  
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Technician - Flammability  
Textiles

**SIGNED FOR AND ON BEHALF OF  
SGS U.S. TESTING COMPANY, INC.**

  
Linda Kinderman  
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Textile Laboratory

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**RESULTS:****Flame Propagation of Textiles and Films**

National Fire Protection Association STD. 701/1999-Test Method 1

Conditioning: 220°F ± 5°F oven for 30 minutes

Sample: Blackout

<u>Original wt.</u> (grams)	<u>Post wt.</u> (grams)	<u>After Flame</u> (seconds)	<u>Residue</u> (seconds)	<u>Wt. Loss</u> (percent)
28.1	23.7	0.0	0.0	15.7
28.0	23.8	0.0	0.0	15.0
28.0	23.7	0.0	0.0	15.4
28.4	24.3	0.0	0.0	14.4
28.2	23.9	0.0	0.0	15.7
28.3	23.9	0.0	0.0	15.5
28.4	24.1	0.0	0.0	15.1
28.4	24.2	0.0	0.0	14.8
28.2	24.0	0.0	0.0	14.9
28.8	25.1	0.0	0.0	12.8
		AVG	0.0	14.9
		3*STDEV		2.4
		AVG+3STDEV		17.3

**Requirements:** Average weight loss shall not be more than 40% and any individual specimen shall not exceed the mean value plus three standard deviations.

**Flaming Fragments  
Or Residue:** Shall not continue to flame after reaching the floor of the tester for more than an average of two seconds per specimen for the sample of 10 specimens.

**RESULTS:**Flame Propagation of Textiles and Films

National Fire Protection Association STD. 701/1999-Test Method 1

Conditioning: 220°F ± 5°F oven for 30 minutes

Sample: Lo Gain

<u>Original wt.</u> (grams)	<u>Post wt.</u> (grams)	<u>After Flame</u> (seconds)	<u>Residue</u> (seconds)	<u>Wt. Loss</u> (percent)
29.1	26.3	0.0	0.0	13.1
28.5	23.9	0.0	0.0	16.1
29.8	24.6	0.0	0.0	14.0
28.6	22.5	0.0	0.0	21.3
28.4	23.4	0.0	0.0	17.6
29.5	24.7	0.0	0.0	13.3
28.5	22.0	0.0	0.0	22.8
28.9	23.0	0.0	0.0	20.4
28.1	23.7	0.0	0.0	15.7
28.7	24.8	0.0	0.0	13.6
		AVG	0.0	16.8
		3*STDEV		10.8
		AVG+3STDEV		27.6

**Requirements:** Average weight loss shall not be more than 40% and any individual specimen shall not exceed the mean value plus three standard deviations.

**Flaming Fragments  
Or Residues:** Shall not continue to flame after reaching the floor of the tester for more than an average of two seconds per specimen for the sample of 10 specimens.

\*\*\*End of Report\*\*\*