ALNET PTY LTD
Moorsom Ave, Epping 2
Cape Town, 7460

Attn: Benard

The following (2) items were submitted and identified by the client as:

Sample Description	:	Extrablock Shade Cloth
Country of Origin	:	South Africa
Color	:	Latte color and Blue Color
Fiber/Material Content	:	High Density Polyethelene
Sample Receiving Date	:	December 02, 2014
Test Performing Date(s)	:	December 03-08, 2014
Test Performed	:	Selected test(s) as requested by applicant against specified requirement / test request form / quotation.

* * * *

Test Results : Please refer to the following page(s).

Signed for and on behalf of
SGS North America Inc.

Prashanthi Alapati
Supervisor – Textile Laboratory

Greg S. Kolbeck
Manager – Textile Laboratory

Test Result(s):

Fire Resistance
State of California Title 19 Section 1237.1 Small Scale Test

Sample ID: Latte

Original Condition:

	After Flame (seconds)		After Glow (seconds)		Char Length (inches)	
	Length	Width	Length	Width	Length	Width
1	0.0	0.0	0.0	0.0	4.8	4.4
2	0.0	15.4	0.0	0.0	4.5	4.5
3	4.5	0.0	0.0	0.0	4.8	4.3
4	12.6	0.0	0.0	0.0	4.7	4.1
5	0.0	0.8	0.0	0.0	4.2	4.2
Avg.	**3.4**	**3.2**	**0.0**	**0.0**	**N/A**	**N/A**

Note: Conditioned for 1 hour at 145°F

Flammability Test Conditions:

Sample Conditioning:	Oven exposure at 140 - 145° F for one hour prior to testing.
Flame Applied and Sample Orientation:	12 Seconds -Vertical
Fuel Used:	Methane (C.P.) Gas

Flammability Requirements:

After Flame Time:
Individual: No Requirement
Avg.: 4 sec., max.

After Glow: No requirements for "After Glow". However, the proposed revision to the Title 19, Section 1237 specifies that the afterglow and localize burning shall be reported.

Char Length:
Individual: 6.0 inches, max.
Avg.: No Requirement

Conclusion: The submitted sample **meets** the requirements of California Administrative Code Title 19, Section 1237.1 (For Interior Use) when tested in the original condition.

Fire Resistance
State of California Title 19 Section 1237.1 Small Scale Test

Sample ID: Blue

Original Condition:

	After Flame (seconds)		After Glow (seconds)		Char Length (inches)	
	Length	Width	Length	Width	Length	Width
1	0.0	0.0	0.0	0.0	4.4	4.7
2	0.0	0.0	0.0	0.0	4.8	4.4
3	0.8	0.0	0.0	0.0	4.5	4.7
4	2.0	0.0	0.0	0.0	4.7	4.0
5	0.0	0.0	0.0	0.0	4.4	4.3
Avg.	**0.6**	**0.0**	**0.0**	**0.0**	**N/A**	**N/A**

Note: Conditioned for 1 hour at 145°F

Flammability Test Conditions:

Sample Conditioning: Oven exposure at 140 - 145° F for one hour prior to testing.
Flame Applied and Sample Orientation: 12 Seconds -Vertical
Fuel Used: Methane (C.P.) Gas

Flammability Requirements:

After Flame Time:
Individual: No Requirement
Avg.: 4 sec., max.

After Glow: No requirements for "After Glow". However, the proposed revision to the Title 19, Section 1237 specifies that the afterglow and localize burning shall be reported.

Char Length:
Individual: 6.0 inches, max.
Avg.: No Requirement

Conclusion: The submitted sample **meets** the requirements of California Administrative Code Title 19, Section 1237.1 (For Interior Use) when tested in the original condition.

Flame Propagation of Textiles and Films
NFPA 701 Test Method 2 (Flat Specimens) - 2010 Edition

Latte

Specimen	Dimensions (inches)	Char Length (inches)	After Flame (seconds-nearest 0.5)	Flaming Residues (seconds-nearest 0.5)
1	5x47	8.3	0.0	0.0
2	5x47	7.5	0.0	0.0
3	5x47	8.5	0.0	0.0
4	5x47	9.0	0.0	0.0
5	5x47	8.0	0.0	0.0
6	5x47	8.0	0.0	0.0
7	5x47	8.2	0.0	0.0
8	5x47	9.0	0.0	0.0
9	5x47	7.0	0.0	0.0
10	5x47	8.4	0.0	0.0

Observations:
Slight charring, shrinking.

Requirements:
A material tested in single sheets shall not continue flaming for more than 2 seconds after the test flame is removed from contact with the specimen. The char length of any single flat specimen shall not exceed 17.1 inches. Portions or residues of material being tested that break or drip from the specimen shall not continue to flame for more than 2 seconds after reaching the floor of the test apparatus.

Conclusion:
The submitted sample **meets** the requirements of NFPA 701 Test Method 2 (Flat Specimens) - 2010 Edition, when tested in its original state.

Flame Propagation of Textiles and Films
NFPA 701 Test Method 2 (Flat Specimens) - 2010 Edition

Blue

Specimen	Dimensions (inches)	Char Length (inches)	After Flame (seconds-nearest 0.5)	Flaming Residues (seconds-nearest 0.5)
1	5x47	9.0	0.0	0.0
2	5x47	10.0	0.0	0.0
3	5x47	8.0	0.0	0.0
4	5x47	9.1	0.0	0.0
5	5x47	9.4	0.0	0.0
6	5x47	8.4	0.0	0.0
7	5x47	9.6	0.0	0.0
8	5x47	10.1	0.0	0.0
9	5x47	8.8	0.0	0.0
10	5x47	8.4	0.0	0.0

Observations:
Slight charring, shrinking.

Requirements:
A material tested in single sheets shall not continue flaming for more than 2 seconds after the test flame is removed from contact with the specimen. The char length of any single flat specimen shall not exceed 17.1 inches. Portions or residues of material being tested that break or drip from the specimen shall not continue to flame for more than 2 seconds after reaching the floor of the test apparatus.

Conclusion:
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Selected tests as requested by applicant against specified requirement / test request form / quotation.

*** End of Report ***