



TEXTILE TESTING

CERTIFIED BEAUTY.



TESTING CERT. #3193.01

Report Number: 19-000858

Revision Number:1

Date Order Received: 02/18/2019

For the Account of: Carnegie Fabrics LLC
110 North Centre Avenue
Rockville Centre, NY 11570

Client's Identification: IFR Xorel

CERTIFICATE OF TESTING

TEST PERFORMED: IMO 2010 FTP Code, Part 8 – Test for upholstered furniture

TEST RESULTS

| Specimen | Progressive Smoldering (Y/N) | Flaming (Y/N) | Char Length (mm) |
|----------|------------------------------|---------------|------------------|
| 1 | No | No | 10 |
| 2 | No | No | 10 |

| Specimen | Flaming* (s) | Glowing* (s) | Smoking* (s) | Smoldering* (s) | Char Length (mm) |
|----------|--------------|--------------|--------------|-----------------|------------------|
| 1 | 0 | 0 | 8 | 0 | 100 |
| 2 | 62 | 0 | 9 | 0 | 89 |

NOTES

Test Conditions: 70 ±4°F, 65 ±5% Relative Humidity

Sampling Method: As Received

Deviations: None

Test Item Composite Filling Material -

- ☒ Standard filling material
- ☐ Non flame retardant flexible polyether foam, 22 kg/m3 (1.4 lb/ft3)
- ☒ Flame retardant polyurethane foam, CMHR, 35 kg/m3 (2.2 lb/ft3)
- ☐ Client's filling material

ACCEPTANCE CRITERIA

Smoldering Ignition Source

- Progressive smoldering or flaming must cease within one hour after start of test

Flaming Ignition Source

- Flaming, glowing, smoking or smoldering may not exceed 120 seconds

CONCLUSION

Based on the above results and failure criteria, the item tested:

- ☒ Meets the requirements - May be labeled IMO FTPC Part 8
- ☐ Does not meet the requirement

CERTIFICATION I certify that the above results were obtained after testing specimen in accordance with the procedures and equipment specified by the standard stated above. The test results relate to the behavior of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

Berta Stiver

Authorized Signature

Date Order Completed: 03/07/2019

APPENDIX

| | |
|--|--|
| Company Submitting Testing | Carnegie Fabrics |
| Manufacturer of Material | Carnegie Fabrics |
| Product Identification | IFR Xorel |
| Color Submitted | |
| Weight of Fabric | 10 oz per sq yard |
| End Use | Upholstery (Not Specified) |
| Material Thickness | 0.032" |
| Coating Type + Weight | |
| Method + Qty of Fire | |
| Retardant Treatment | |
| Content | 100% IFR Xorel |
| Weave Type | Plain |
| Pick + End Count | 24x21 |
| Yarn Type / Count | filament |
| Date Sample Arrived | 2/18/19 |
| Cleaning / Weathering Procedure | |
| Date of Test | 3/7/19 |
| Cigarette Used | NIST SRM 1196 Length: 70 ±4mm, Diameter: 8 ± 0.5mm, Mass: 0.95 ± 0.15g, Smoldering rate: 11 ± 4.0 min / 50mm |