

Sponsor: Brentano, Inc.  
 260 Holbrook Drive  
 Wheeling, IL 60090

Sponsor's Identification: Lutra 4237

## 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	9
2	No	No	11

  

Specimen	Flaming* (s)	Glowing* (s)	Smoking* (s)	Smoldering* (s)	Char Length (mm)
1	0	0	5	0	40
2	0	0	10	0	34

### 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.



Authorized Signature

Date Order Completed: 03/12/2020

**APPENDIX**

**Company Submitting Testing** Brentano, Inc  
**Manufacturer of Material** China  
**Product Identification** Lutra 4237  
**Color Submitted** 4237-01  
**Weight of Fabric** 36oz  
**End Use** Upholstery (Not Specified)  
**Material Thickness** Pile Height 3.5mm  
**Coating Type + Weight** na  
**Method + Qty of Fire**  
**Retardant Treatment** Alta IMO  
**Content** Pile:100% Solution-Dyed Acrylic; Overall: 100% Solution-Dyed Acrylic  
**Weave Type** Plain  
**Pick + End Count** Fill Picks: 13.7/cm, Warp ends: 8.2/cm  
**Yarn Type / Count** Warp: 21s/2 Fill: 21s/2  
The Appendix information above is provided by the Sponsor and is not determined by Applied Lab.

**Date Sample Arrived** 3/9/20  
**Cleaning / Weathering Procedure** na  
**Date of Test** 3/12/20  
**Cigarette Used** NIST SRM 1196  
Length: 70 ±4mm, Diameter: 8 ± 0.5mm, Mass: 0.95 ± 0.15g,  
Smoldering rate: 11 ± 4.0 min / 50mm