



## Textile Testing

553 76<sup>th</sup> Street · Byron Center, MI 49315 Phone: 616.559.6123 Fax: 616.559.6119



TESTING CERT. #3193.01

Report Number: 50584

Date: 02-15-2012

Client's Identification: Varsity

**Test Performed** IMO Resolution A.652(16) – Recommendation on Fire Test Procedures for Upholstered Furniture (Methods of Test for the Ignitability by Smoker's Materials of Upholstered Composites for Seating) – Section 8.2

### TEST DATA

	Progressive Smoldering (Yes / No)	Flaming (Yes / No)
Initial Test	No	NO
Retest	No	No

### TEST ITEM COMPOSITE

#### Cover Fabric –

- ☒ Client's cover fabric  
☐ Standard cover fabric, 100% inherently flame retardant polyester fabric approximately 200 g/m<sup>2</sup>

#### Filling Material –

- ☒ Standard filling material  
☒ Non flame retardant flexible polyether foam, 22 kg/m<sup>3</sup> (1.4 lb/ft<sup>3</sup>)  
☐ Flame retardant polyurethane foam, Code Red II 35, 46.7 kg/m<sup>3</sup> (2.9 lb/ft<sup>3</sup>)  
☐ Non flame retardant flexible polyether foam, 22 kg/m<sup>3</sup> (1.4 lb/ft<sup>3</sup>), wrapped with Uniguard fire blocking material  
☐ Client's filling material

### ACCEPTANCE CRITERIA

Progressive smoldering or flaming within one hour after start of test

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

- ☒ Passes  
☐ Fails

**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.

Authorized Signature



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#### TEST DATA

	Flaming* (seconds)	Glowing* (seconds)	Smoking* (seconds)	Smoldering* (seconds)
Initial Test	0	0	0	0
Retest	0	0	0	0

\*Values are reported after removal of burner tube ignition source.

#### TEST ITEM COMPOSITE

Cover Fabric –

- ☒ Client's cover fabric  
☐ Standard cover fabric, 100% inherently flame retardant polyester fabric approximately 200 g/m<sup>2</sup>

Filling Material –

- ☒ Standard filling material  
☒ Non flame retardant flexible polyether foam, 22 kg/m<sup>3</sup> (1.4 lb/ft<sup>3</sup>)  
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☐ Client's filling material

#### ACCEPTANCE CRITERIA

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

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

- ☒ Passes  
☐ Fails

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.

Authorized Signature