

- 1 DEC. 2008

Ir. Ron Verlouw  
LÉO SCHELLENS BV  
Postbus 349  
NL-5750 AH DEURNE  
NEDERLAND

your delivery of 2008-06-30      your reference      our reference PVH/10815      date Zwijnaarde, 2008-11-24

**Analysis Report 63870/P**

*Modification of analysis report 63870, made on 2008-07-10*

Required tests :

**IMO Fire Test Procedures (1998) - Resolution A.652(16) - 1989  
Recommendation on fire test procedures for upholstered furniture  
smouldering cigarette test - butane flame test**

Identification number	Information given by the client	Date of receipt
T806857	Zanzibar	2008-06-30

Pros Van Hoeyland  
order responsible

For further information, please contact our sectorial adviser Pros Van Hoeyland

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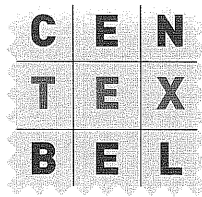
VAT BE 0459.218.289  
CENTEXBEL-GENT  
Technologiepark 7  
BE-9052 Zwijnaarde  
Tel. + 32 9 220 41 51 • Fax + 32 9 220 49 55  
e-mail gent@centexbel.be

Fin. Acc. 210-0472965-45

[www.centexbel.be](http://www.centexbel.be)

IBAN BE44 2100 4729 6545

CENTEXBEL-BRUSSELS  
Montoyerstraat 24 B2  
BE-1000 Brussels  
Tel. + 32 2 287 08 30 • Fax + 32 2 230 68 15



Reference : T806857 - Zanzibar

IMO Fire Test Procedures (1998) - Resolution A.652(16) - 1989  
Recommendation on fire test procedures for upholstered furniture - smouldering cigarette test

The following test results relate only to the ignitability of the combination of materials under the particular conditions of test ; they are not intended as a means of assessing the full potential fire hazard of the materials in use.

End of tests: 8 July 2008

**A. Materials tested**

Cover	:	- quality	Zanzibar
		- water soaking	no
Filling	:	- quality	T 23140 (Recticel) *
		- density	$\pm 22 \text{ kg/m}^3$

\* standard non-FR PU-foam (as indicated in Appendix A)

Conditioning of the test specimens

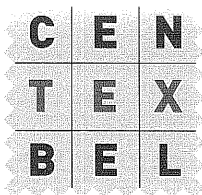
At least 72 h in indoor ambient conditions + at least 16h at  $(20 \pm 5)^\circ\text{C}$  and  $(50 \pm 20)\% \text{ RH}$

**B. Smouldering cigarette test**

	test nr. 1	test nr. 2
- flaming	no	no
- glowing	no	no
- smouldering within 60 min	no	no
- escalating flaming combustion	no	no
- escalating smouldering combustion	no	no
- remarks	/	/
	<u>non-ignition</u>	<u>non-ignition</u>

**Conclusion : non-ignition**

Performed under accreditation in the fire lab under the responsibility of Pros Van Hoeyland.



Reference : T806857 - Zanzibar

IMO Fire Test Procedures (1998) - Resolution A.652(16) - 1989  
Recommendation on fire test procedures for upholstered furniture - butane flame test

The following test results relate only to the ignitability of the combination of materials under the particular conditions of test ; they are not intended as a means of assessing the full potential fire hazard of the materials in use.

End of tests: 8 July 2008

**A. Materials tested**

Cover	:	- quality	Zanzibar
		- water soaking	no
Filling	:	- quality	T 23140 (Recticel) *
		- density	± 22 kg/m <sup>3</sup>

\* standard non-FR PU-foam (as indicated in Appendix A)

Conditioning of the test specimens

At least 72 h in indoor ambient conditions + at least 16h at (20 ± 5)°C and (50 ± 20)% RH

**B. Butane flame test**

*flame application time : 20 s*

	test nr. 1	test nr. 2
- afterflame time (s)	2	1
- afterglow time (s)	0	0
- progressive smouldering	no	no
- remarks	/	/
	<u>non-ignition</u>	<u>non-ignition</u>

**Conclusion : non-ignition**