

**Dhr. Chris Heynen**  
**HEYNEN SYSTEMS BV**  
**Staalstraat 31**  
**NL-8211 AH LELYSTAD**  
**NEDERLAND**

**your delivery of**  
2008-05-29

**your reference**

**our reference**  
PVH/10705

**date**  
Zwijnaarde, 2008-11-24

## Analysis Report 63346/B

Required tests :

**BS 6807:2006, Clause 9 - ignitability of mattresses**  
**Ignition source 5 : pine wood crib, top ignition**

Identification number	Information given by the client	Date of receipt
T805810	Circular knitting, 100% polyester yarn, 78dtex, 8 gauge	2008-06-02

Pros Van Hoeyland  
order responsible

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

This report runs to 2 pages and may be reproduced, as long as it is presented in its entire form, without written permission of Centexbel. The results of the analysis cover the received samples. Centexbel is not responsible for the representativeness of the samples.

our reference	date	page
PVH/10705	2008-11-24	2 / 2

Reference : T805810 - Circular knitting, 100%polyester yarn, 78dtex, 8 gauge

**BS 6807:2006, Clause 9 - ignitability of mattresses**  
**Ignition source 5 : pine wood crib, top ignition**

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

**End of tests:** 17 June 2008

**Deviations from the standard procedure**

The composition of the finished mattress is not known, therefore the test specimen is composed of the cover material as received and a foam filling. The test is carried out only on the flat portion of the upper surface.

**A. Materials tested**

Cover	:	-	quality	Circular knitting, 100% polyester yarn, 78dtex, 8 gauge
		-	water soaking	no
Filling	:	-	quality	Dumosafe CM33 (Dumo) *
		-	density	fire retardant
		-	dimensions	$\pm 33 \text{ kg/m}^3$
				450 mm x 450 mm x 150 mm

\* The filling complies with schedule 1 part 1 of the UK Furniture and Furnishings (Fire) (Safety) Regulations 1988

**B. Test results - crib 5 on top of the test specimen**

	<u>test 1</u>	<u>test2</u>
Flaming criteria		
- unsafe escalating combustion	no	no
- test assembly consumed	no	no
- flames to extremities	no	no
- flames through thickness	no	no
- flame time >10 min	no	no
flame time	2 min 46 s	2 min 58 s
Smouldering criteria		
- unsafe escalating combustion	no	no
- test assembly consumed	no	no
- smoulders to extremities	no	no
- smoulders through thickness	no	no
- smoke/heat/glowing more than 60 min	no	no
- smoulders more than 100 mm from source	no	no
	non-ignition	non-ignition

**Conclusion : non-ignition**