



Reference : T802776 - Endure

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: 31 March 2008

A. Materials tested

Cover	:	- quality	Endure
		- water soaking	no
Filling	:	- quality	Dumosafe CM33 (Dumo) *
		- density	fire retardant ± 33 kg/m ³

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

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. 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 : T802776 - Endure

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: 31 March 2008

A. Materials tested

Cover	:	- quality	Endure
		- water soaking	no
Filling	:	- quality	Dumosafe CM33 (Dumo) *
		- density	fire retardant $\pm 33 \text{ kg/m}^3$

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

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. Butane flame test

flame application time : 20 s

	test nr. 1	test nr. 2
- afterflame time (s)	2	2
- afterglow time (s)	0	0
- progressive smouldering	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.