



BS EN 597-1 TEST REPORT

Doküman No : FR-8245-06
Yayın Tarihi : 01.01.2013
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Sayfa : 1 / 1

Indicative BS EN 597-1:Assessment of the ignitability of mattresses and upholstered bed bases:
İgniton source:smouldering cigarette

Sample Identification

The mattress was described by the client as: **PO: 10032021-140049-OD117(FLC+_380)**

Mattress ticking clipped around a piece of Non FR foam (supplied by BOYTEKS)

Conditioning

The specimen was conditioned in an atmosphere of 23 ± 2 C and 50 ± 5 %rh.

Procedure

The test was carried out as described in BS EN 597-1 using cigarette ignition sources.All cigarette applications were made on the same test assembly.

Results and observations

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 mattress,mattress pad or upholstered bed base in use.

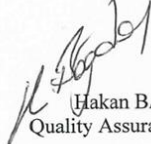
Criteria of ignition	Cigarette			Comments (including position of the failing cigarette)
	1	2	3	
Smouldering criteria	*	*	*	
Unsafe escalating combustion (3.1 a)	No	No	No	PASS
Test assembly consumed (3.1 b)	No	No	No	PASS
Smoulders through thickness (3.1 c)	No	No	No	PASS
Smoulders more than 1 h (3.1 d)	No	No	No	PASS
In final examination, presence of progressive smouldering (3.1 e)	No	No	No	PASS
Flaming criteria				
Occurrence of flames (3.2)	No	No	No	PASS

*Enter 'YES' if criteria exceeded or 'NO' if criteria not exceeded

Test Date: 13.01.2022

Indicative Test Result: PASSED

Signed:
Administrator:


Hakan BAĞDAŞ
Quality Assurance Manager