

**TEST REPORT****Client:****Entry No:****Date received:** 01/02/2016**Client's Description:** Sample of fabric: Dahlia T70 (Oekotex 1) (220)**Test Required:** Flammability BS 7177 Low Hazard**Conditioning:** A minimum of 24 hours at 50+/-5% Relative Humidity, 23+/-2°C**Date Tests Completed:** 05/02/2016**Method of Test:** BS EN 597-1: 1995 & BS EN 597-2: 1995**Results:**

Ignition Source	Positions	Observations	Result
Smouldering cigarette	on top	No flaming or progressive smouldering was observed within one hour of placement of the cigarettes.	PASS
Match flame equivalent	on top	Flaming ceased within the specified two minute period after removal of the butane and no progressive smouldering occurred.	PASS

The above 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 in use.

Note: The mattress composite was made up using a 35 kg/m³ CM foam (Carpenters RX36-125) as the filling. This foam passes the ignitability test in Annex A of BS7177

Comments

On the basis of the tests carried out this mattress sample meets the low hazard category flammability requirements of BS 7177: 2008 + A1:2011.

End of Document

This is hereby certified to be a correct return of the tests made of the items referred to herein

Dale Brockbank
Materials Testing Manager
07 February 2016

- ❖ Unless instructed otherwise by the client sample remnants will be disposed of after 28 days.
 - ❖ Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.
 - ❖ Uncertainty budgets for test methods contained within this report are available on request.
- This Certificate relates only to the sample received and, unless that sample has been drawn by the staff of this laboratory, or its agent, and endorsed accordingly, any application of the result to a bulk quantity or other material is entirely the responsibility of the client.



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